b

ΩΛΥΜΠΙΑ ΔΩΜΑΤΑ.

OR,

An Almanack and Prognostication, for the year of our Lord, 1657.

Being the first from Bissextile, or Leap-year, and from the Creation of the World, 5606.

Wherein is contained the state of the whole year, the Eclipses, Lunations, Conjunctions, and Aspects of the Planets, with the Southing, Rising, and Setting of the Sun, Moon and fixed Stars, every day in the year. Together with short Directions to find the hour of the Day and Night at all times, without Instrument; with other Observations very requisite for men of all sorts.

Calculated according to Art, and referred to the Longitude of 24 deg. 20 min. Latitude of 52 deg. 40 min. fitting exactly all the middle Counties of *England* (as *Rutland*, *Leicester*, *Northampton*, *Lincolne*, *Huntington*, *Cambridg*, *Bedford*, *Warwick*, *Nottingham*, *Darby*, *York*, *Stafford*, &c.) and without sensible errour, the whole Nation.

By *Vincent Wing* Mathemat.

O quam juvabat (quo nihil majus Parens
Natura genuit, operis immensi artifex)
Cœlum intueri, Solis & cursus sacros,
Mundique Motus, Solis alternas vices,
Orbemque Phœbes, Astra quem cingunt vaga,
Lataque fulgens Ætheris magni decus.
Seneca in Octavia, Act. II. Sc. I.

LONDON, Printed by *J. L.* for the Company of Stationers, 1657.

Common Notes observable for this present year 1657. according to

The Julian, English, or old account.		The Gregorian, Forreign, or New account.
5	The Golden number	5
14	The Cycle of the Sun	14
25	The Epact	15
D	The Dominical Letter	G
10	The Roman Indiction	10
8	The Number of Direction	4

A Table, shewing when the Terms begin and end, with the number of their Returns, and days of the Moneth whereon they will be this present year, 1657.

Hillary Term begins the 23. of January, and ends the 12. of February: and hath 4 Returns, *viz.*	Octab. Hilla H	Janu.	20
	Quind Hilar.	Janu.	27
	Craft. Purif.	Febr.	3
	Octab. Purif.	Febr.	9
Easter Term begins the 15. of April, and ends the 11. of May, and hath 5. Returns, *viz.*	Quind. Paschæ	April	13
	Tres Paschæ	April	20
	Mense Paschæ	April	27
	Quinq. Paschæ	May	4
	Craft. Ascens.	May	8
Trinity Term begins the 29. of May, and ends the 17. of June, and hath 4. Returns, *viz.*	Craft. Trin.	May	25
	Octab. Trin.	June	1
	Quind. Trin.	June	8
	Tres Trin.	June	15
Michaelmas Term begins the 23. of October, and ends the 28. of November, and hath 6. Returns, *viz.*	Tres Michael.	Octob.	20
	Mense Michael.	Octob.	27
	Craft. Animar.	Nov.	3
	Craft. Mart.	Nov.	12
	Octab. Mart.	Nov.	18
	Quind. Mart.	Nov.	25

The Golden Planet Venus is a glittering evening Star from the beginning of the year, until Midsummer day, at which time she is with the Sun, and from thence she is a morning Star, till April 17. 1658.

Veneris ingens Sidus, cum ante gradiatur Solem ουρανὸς Graecè, Lucifer Latinè dicitur: Cum verò subsequitur, & ab occasu refulget, Vesper, Vesperugo & ἕσπερος appellatur.

A Table, shewing the Bearing Distance, Longest day, and difference of the Meridians, of most of the principallest Cities in the World, from the famous City of *London*.

The Names of the places.	The way or point of bearing.	Their distant miles.	Longest Day. ho. min.	Differ. of Meridians ho. min.
Alexandria in Ægypt	S. E. by E.	2165	14 0	2 42. A
Amsterdam in Holland	E. by N.	266	16 40	0 28. A
Athens in Greece	S. E. by E.	1624	14 40	0 56. A
Antwerp in Brabant	East *ferè*	248	16 28	0 24. A
Antioch	East So. East	2319	14 26	3 16. A
Barwick	North *ferè*.	267	17 24	0 2. A
Babylon	Ea. So. East.	2724	14 25	3 56. A
Burdeaux in France	South *ferè*	360	15 25	0 8. S
Bubsaida	Sou. Ea. by Ea.	2309	14 6	2 29. A
Calicute in East India	Sou. Ea. by Ea	5214	12 20	6 8. A
Calice in France	East by Sou.	86	16 25	0 9. A
Constantinople	Ea. So. Ea.	1547	15 15	2 24. A
Charon in Mesopotamia	East So. East	2466	14 30	3 36. A
Dublin in Ireland	No. W. by W.	296	17 15	0 26. S
Dantzick	East No. East	961	17 5	1 44. A
Damascens	East So. East	2404	14 15	3 16. A
Edinburge in Scotland	North.	328	17 40	0 0
Ephesus	East, Sou. Ea.	1808	14 40	2 30. A
Florence	South East.	801	15 10	0 57. A
Francford	East. *ferè*	448	16 15	0 47. A
Hamburge	East, Nor. Ea.	538	18 0	0 56. A
Hierusalem	Sou. Ea. by E.	2352	14 8	3 3. A
Iseland	No. No. West	930	21 44	0 52. S
Joppa	Sou. Ea. by E.	2338	14 6	3 2. A
Lake of Sodom	Sou. Ea. by E.	2409	14 4	3 8. A
Lisborne in Portugall	So. So. West	985	14 45	1 0 S
Middleburgh in Zeland	East	205	16 30	0 10. A
Mentz in Germany	East	420	16 25	0 45. A
Millain	So. East *ferè*	645	15 22	0 48. A
Morocco in Barbary	So. So. W.	1449	14 0	0 28. S
Mexico	W. by Sou.	5844	13 20	9 59. S

The names of the places.	The way or point of bearing.	Their distan. miles.	Longeſt day. Ho.	min.	Differ. of Meridian. Mo	min.
Naples	Sou. Ea. by E.	1051	14	50	1	16. A
Nineveh	Ea. Sou. Eaſt.	2635	14	30	3	52. A
Paris in *France*	South, So. Ea.	215	15	57	0	10. A
Philippos in *Macedonia*	Ea. So. Eaſt.	1395	15	10	1	3. A
Prague in *Bohemia*	Eaſt *ferè*.	700	16	15	1	14. A
Quinzey, the greateſt City in the world.	Eaſt by Sou.	7272	13	35	11	28. A
Rome	Sou. E. by E.	887	15	4	1	7. A
Spiers	E. by Sou.	430	16	2	0	46. A
Strawsborow	Ea. by South.	432	16	0	2	41. A
Toledo in *Spain*	Sou by Weſt.	934	14	36	0	36. S
Troy	E. So. Eaſt.	1605	15	0	2	24. A
Tumbes	So. W. by W.	6049	12	15	6	56. S
Venice	Eaſt So. Eaſt	744	15	28	1	3 A
York	North	154	17	0	0	0
Cæſaria in *Cappadocia*	Eaſt Sou. Eaſt.	1064	14	50	3	6 A
Cleve	Eaſt.	303	16	36	0	32 A
London		0	16	26	0	0

To find the time of the Suns riſing and ſetting, and length of the Day and Night.

IN the third Column of the Almanack (amongſt the Feſtival-days) is ſet down the time of the Suns Riſing and Setting, for every third or fourth day in the year, but if you would have it for the intermediate days, you muſt make proportion. As upon the ſecond day of March the Sun Sets at 5 and 44 min. the 5 day, he riſeth at 6 and 9 min. and the 9 day he Sets at 5 and 59 min. the difference therefore of the Sun-ſetting in 7 days, is 15 min. ſo that every day gets 2 min. therefore if his ſetting be required on the third day, (which is one day from the ſecond) I muſt add 2 min. to 5, 44 min. and I have the time of the Sun ſetting on the third day at 5 a clock and 46 min. which doubled, gives the length of the day 11 ho. 32. min. or if you ſubſtract it from 12, you have the time of the Sun riſing at 6 a clock and 14 min. which being doubled, giveth 12 ho. 28 min. for the length of the night.

And although this way be plain enough, yet (that I may fit every one) I have ſet down the time of the Suns Riſing, or ſetting every third day, by which means the Reader need not trouble himſelf to take the proportional part. And laſtly for the length of the day and night, you ſhall find it ſet down in the Blank-page, againſt the day of the moneth, which is ſo exceeding eaſie, that (unleſs the Book could ſpeak) a more plain and eaſie way cannot poſſibly be contrived.

To

To find the time of the Moons coming to the South.

IN the following Table you have the Moons coming to the South point ready set down against the day of the Moneth, therefore find your moneth on the top of the Table, & your day in the first row on the left hand under the title dayes, & in the Angle of meeting, you have the houre and min. of her Southing desired.

As upon the 15. of January, I find that the Moon will be South at 8. a clock & 9. min. in the after noon; therefore if you see her that evening in the South, you may conclude that to be the houre of the night. But if you see her (upon your Sun-Dial) in the 11. a clock stead, it is no more then 7. a clock and 9. min. if in the 10 a clock stead, but 6 a clock and 9 min. &c. Again, admit the same night, you should see her in the 1. a clock stead, it is then 9. a clock and 9 min. if in the 2. a clock stead, 10. a clock and 9 minutes, &c.

Thus by observing these short directions, you may (by the help of a Sun-Dial) discover the Night houre at all times, if the Moon shine: But because she is not alwayes seen, I have inserted short Rules, in the later part of the Almanack, how you may also learn the Night-houre by the Stars, which is of excellent use, and so easie, that every one may understand it.

To know when the Moon riseth and setteth.

THe rising and setting of the Moon is a thing most necessary to be known, which though it be something troublesome to Calculate, yet the use thereof being of such importance, that it may well merit my labour, and the Readers observation: and to that end, I have (in the last Columne of the left hand page of the Almanack) set down the Nocturn rising and setting of the Moon; namely, her rising from the Full Moon to the New Moon, and her setting from the New Moon to the Full Moon, as is there more fully expressed.

When therefore is required to know at what houre & minute the Moon riseth or sets, you must cast your eye upon the sixth Columne of the Almanack, under the title, The Moons rising, and setting, and right against the day of the moneth, you will find what you desire, without further trouble.

As upon the ninth day of January, you may there see that the Moon setteth at 10. a clock and 20. min. at night, the 10. day at 11. a clock and 28. min. and the 11. day at 12. and 36. min. at night.

So also (after the Full Moon) I seek her setting the 22. day of the same moneth, which in the said Row, I find at 8. a clock and 49. min. at night, the 23. day at 10. a clock and 16. min. and the 24. day at 11. and 39. min. And so of the rest.

A Table shewing the hour and minute of the Moons coming to the South the first six moneths of this year, 1657.

Days	January. hou.	min.	February hou.	min.	March. hou.	min.	April. hou.	min.	May. hou.	min.	June. ho.	min.
1	9 M	19	10 M	36	9 M	26	10 M	26	10 M	34	11 M	37
2	10	14	11	24	10	10	11	6	11	19	0 A	31
3	11	6	0 A	8	10	55	11	49	0 A	5	1	27
4	11	57	0	50	11	36	0 A	33	0	57	2	22
5	0 A	42	1	33	0 A	17	1	18	1	47	3	17
6	1	33	2	14	0	59	2	5	2	42	4	9
7	2	16	2	56	1	42	2	56	3	37	5	1
8	2	59	3	38	2	26	3	47	4	32	5	51
9	3	40	4	21	3	11	4	41	5	24	6	40
10	4	20	5	8	3	59	5	37	6	17	7	30
11	5	2	5	57	4	49	6	32	7	8	8	22
12	5	44	6	49	5	42	7	26	7	57	9	16
13	6	29	7	43	6	37	8	19	8	49	10	13
14	7	16	8	42	7	34	9	12	9	42	11	10
15	8	9	9	42	8	31	10	5	10	35	12	8
16	9	5	10	41	9	28	10	59	11	33	mor.	8
	10	3	11	37	10	23	11	54	12	32	1	5
18	11	1	12	34	11	18	12	52	mor.	32	1	56
19	12	0	mor.	34	12	13	mor.	52	1	31	2	43
20	12	59	1	29	mor.	13	1	51	2	26	3	29
21	mor.	59	2	23	1	9	2	51	3	20	4	12
22	1	55	3	17	2	5	3	48	4	11	4	52
23	2	49	4	13	3	2	4	42	4	56	5	33
24	3	38	5	9	3	59	5	33	5	40	6	14
25	4	29	6	2	4	56	6	19	6	20	6	57
26	5	21	6	56	5	50	7	4	7	2	7	42
27	6	16	7	48	6	42	7	47	7	44	8	30
28	7	9	8	39	7	32	8	27	8	25	9	21
29	8	3			8	18	9	8	9	9	10	14
30	8	56			9	2	9	49	9	56	11	9
31	9	48			9	44			10	46		

A Table shewing the hour and minute of the Moons coming to the South the last six moneths of this year 1656.

Days	July. ho.	min.	Auguſt. ho.	min.	Septem. ho.	min.	Octob. ho.	min.	Novem. ho.	min.	Decemb. ho.	min.
1	0 A	7	1 A	33	1 A	3	3 A	52	5 A	25	5 A	30
2	1	3	2	26	3	59	4	50	6	16	6	12
3	1	59	3	18	4	55	5	47	7	1	6	52
4	2	52	4	10	5	53	6	42	7	43	7	33
5	3	43	5	3	6	50	7	31	8	24	8	14
6	4	33	5	57	7	44	8	18	9	6	8	58
7	5	23	6	52	8	35	9	1	9	47	9	41
8	6	13	7	48	9	24	9	43	10	28	10	26
9	7	6	8	44	10	10	10	26	11	11	11	18
10	8	0	9	39	10	54	11	7	11	56	12	12
11	8	55	10	31	11	38	11	48	12	46	mor.	12
12	9	51	11	21	12	19	12	30	mor.	46	1	6
13	10	47	12	5	mor.	19	mor.	30	1	40	1	57
14	11	42	mor.	51	1	0	1	15	2	3	2	50
15	12	31	0	47	1	43	2	4	3	26	3	40
16	mor.	31	1	28	2	27	2	54	4	18	4	29
17	1	17	2	8	3	13	3	45	5	7	5	18
18	2	2	2	50	4	0	4	38	5	56	6	7
19	2	45	3	34	4	52	5	30	6	4	6	5
20	3	26	4	19	5	44	6	22	7	35	7	5
21	4	7	5	7	6	39	7	13	8	26	8	45
22	4	50	5	56	7	33	8	5	9	18	9	41
23	5	34	6	48	8	28	8	57	10	13	10	4
24	6	19	7	44	9	20	9	50	11	11	1	4
25	7	8	8	39	10	13	10	4	0 A	11	0 A	3
26	8	0	9	36	11	7	11	39	1	10	1	32
27	8	55	10	32	0 A	2	0 A	37	2	9	2	23
28	9	52	11	26	0	58	1	37	3	5	3	8
29	10	49	0 A	21	1	55	2	37	3	57	3	5
30	11	45	1	14	2	53	3	36	3	45	4	3
31	0 A	40	2	8			4	33			5	15

January hath xxxi dayes.

☽ New moon the 4 day, 10 min. past 1 a clock after noon.
☽ First quarter the 12 day, 15 min. past 5 at night.
☾ Full moon the 19 day, at 53 min. past 10 at night.
☾ Last quarter the 26 day, 6 min. past 2 in the afternoon.

☌ ☍	Holy and festival days, with Sun-set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
1 a	Newyear day	Sagit. 16	Cloudy. The year be-	5 M 38
2 b	Sun-rise 8.5.	Sag. 29	gins wel, I wish it may	6 34
3 c	Enoch.	Capr. 11	end so. Cold cloudy.	7 16
4 ☽	Mathus.	Capr. 24	Fair and seasonable	New ☽
5 e	Sun set 3.59	Aqua. 7	□ ♃ ♀ 6 p. for the	5 A 27
6 f	Twelf day	Aqua. 19	most part. □ ♃☽ 15.	6 47
7 g	Julianus.	Pisc. 1	□ ♃ & ☌ ☿ ☽. Fair.	7 59
8 a	Sun rise 7.57	Pisc. 13	Snow-like. Bq. ♄ ♀	9 10
9 b	Terra in ♌	Pisc. 25	✶ ♃☽ 3 p. Freezing.	10 20
10 c	Paul Er.	Ari. 6	Cold. Td. ♄ ♀ ☍ ♄ ☾	11 28
11 ☽	1 Sun af. Ep.	Ari. 18	□ [illegible] 16 Variable.	12 36
12 e	Sun set 4. 9.	Tau. 0	♃ stat in △ ☿ 1. a	mo. 36
13 f	Hillarie.	Tau. 12	no st. ☽ vac cursu.	1 45
14 g	Felix	Taur. 25	Faire. ☌♃☽, △☿☽.	2 51
15 a	Sun rise 7.46	Gem. 8	Snow. △☉♄ 2 a. His	3 54
16 b	Marcel.	Gem. 21	temporibus latissimè	4 54
17 c	Antonius	Canc. 5	patet avaritia ubique	5 46
18 ☽	2 Sun. af. Ep	Canc. 19	locorum. Td. ♃ ♀.	6 26
19 e	Sun set 4.21	Leo 4	Winde and clouds.	Full ☽
20 f	Fab. Seb.	Leo 18	Fair. ♀ ♃ ♀. □ ♃☽	5 A 48
21 g	Agneta	Virg. 3	☌ ☉ ☿ 11 a Windy	7 20
22 a	Sun rise 7.34	Virg. 18	and Snow. ☽ perig.	8 49
23 b	Term begins	Libr. 3	Cold and cloudy	10 16
24 c	Timoth.	Libr. 18	△ ☿☽ 11 a. Vncon	11 39
25 ☽	Septuages.	Scor. 2	□ ☌☿ 2 p. st. nr wind	12 59
26 e	Sun set 4. 33	Scor. 16	and snow, or rain, and	mo. 59
27 f	Chryso.	Sag. 1	winterly weather till	2 17
28 g	Carol. M.	Sag. 13	towards the month	3 26
29 a	Sun rise 7.21	Sag. 26	□ ♃☿ 5 p. end.	4 24
30 b	Hippol.	Capr. 8	Fair and ✶ ♃♀ 9 p	5 10
31 c	Virgil.	Capr. 21	seasonable. △♃☽.	5 44

M. Rise. Moons setting. Moons Rising.

The 3. day at 2. afternoon, Mercury
The 7. day, at 6 morning, Venus
The 14. day at noon, the 7 ſtars
Same day at 2. afternoon, Jupiter
The 23 day at 3. night, Saturn
The 29. day at 7. morn. Mars
} is with the Moon.

The time of the year is not yet fit for action abroad, but great are the conſultations of Europe, and ſome preparations are already in hand.

D.	ho.	min.	*Full Sea at London-bridge.*
1	12	A. 25	*Initium Anni Juliani* 1657.
2	1	20	
3	2	12	
4	3	3	
5	3	48	
6	4	39	Day 8 hours.
7	5	22	
8	6	5	
9	6	46	*Terra in* ♌. ☉ ♒
10	7	26	
11	8	8	
12	8	50	
13	9	35	
14	10	22	
15	11	15	Day 8 ho. 30 m.
16	12	11	
17	mor.	11	
18	1	10	
19	2	7	
20	3	6	
21	3	59	
22	4	58	
23	5	54	
24	6	45	Day 9 hours.
25	7	35	
26	8	28	
27	9	22	
28	10	15	
29	11	9	
30	12	2	
	10	A 54	

There is now in the Preſs, a Second Edition of that excellent book for *Surveying of Lands*, compoſed by Mr. *Will. Leybourne*, many Additions throughout the whole work being inſerted with variety of new Inſtruments, for performing the work by way of Traverſe.

Alſo a new *Arethmatick*, Compoſed by the ſame Author, in Three Parts: The firſt teaching the Art thereof in whole Numbers and Fractions. The ſecond in Decimals. The third by Inſtruments, in a new way by him invented, and not hitherto practiſed by any. Both to be ſold by *George Sawbridge*, at the Bible on *Ludgate-hill*.

● New moon the 3 day, 21 min. past 7 in the morning.
☽ First quarter the 11 day, a quarter of an hour before noon
○ Full moon the 18 day, at 8 min. past 9 in the morning.
☾ Last quarter the 25 day, 33 min. past 1 in the morning.

☌ ☍	Holy & Festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.	
1 ♒	Sexagesſima	Aqua. 3	Cold. *The treacherous*	6 M10	M.R
2 ♓	Purif. Mary.	Aqua. 15	*person will be reward-*	6 33	
3 ♈	Sun ſet 4 49.	Aqua. 27	*ed.* The 2. & 3. vai-	New ☽	
4 ♉	Agatha	Piſc. 9	able. ☽ in Apog.	6 A50	
5 ♊	Gilbert.	Piſc. 21	☌☉☽ ☍ ♇ p Fair. wind	8 2	
6 ♋	Sun riſe 7. 5.	Aries 3	♂ ♄ ☿ ☽ a. Rain or	9 12	
7 ♌	Zacharias	Aries 15	now. *Non quod tibi,*	10 20	
8 ♒	Shreve Sund.	Aries 27	*mihi idem placet.*	11 27	
9 ♍	Sun ſet 5. 1.	Taur. 9	Something fair.	12 33	Moons-Setting.
10 ♎	Scholaſt.	Taur. 21	✶☿☽ 4 a. Winde	mo. 33	
11 ♏	Euph. on.	Gem. 4	☌♃☽ 1 a. Fair.	1 38	
12 ♐	Term ends.	Gem. 17	Winde and clouds.	2 41	
13 ♑	Sun riſe 6. 51	Gem. 29	Froſt. ☌☌☽ 8 p.	3 32	
14 ♉	Valentine	Canc. 13	□ ♄☌☉ ☽ Snow.	4 15	
15 ♒	1 Sun. in Lent	Canc. 27	No man is to be tru-	4 50	
16 ♓	Sun ſet 5. 15	Leo 11	ſted. The 15. 16.	5 23	
17 ♈	Conſtan.	Leo 27	and 17 pretty good.	5 51	
18 ♉	Concord.	Virg. 11	Froſt. ☽ Perig.	Full ☽.	
19 ♊	Sun riſe 6. 39	Virg. 27	✶♃☿ 3 a. winde and	7 A 47	
20 ♋	Euchar.	Libr. 11	rain or ſnow.	9 18	
21 ♌	Eſaias	Libr. 27	☌☿☾ 4 a. cloudy.	10 44	Moons-Rising
22 ♒	2 Sun. in Lent	Scorp. 11	Warm. ✶ ♂ ☽ 8 a.	12 7	
23 ♍	Sun ſet 5. 29	Scor. 26	Fair and windy.	mo. 7	
24 ♎	Matthias Ap.	Sag. 5	*Multos generis humi-*	1 22	
25 ♏	Victor.	Sag. 23	♀.☉♃. *litate jacen-*	2 21	
26 ♐	Sun riſe 6. 25	Capr. 5	*tes virtus evexit* □ ♄☽	3 12	
27 ♑	Fortuna	Cap. 18	warm and temperate.	3 48	
28 ♉	Leander.	Aqua 0	✶♃☿ 8 p. windy.	4 20	

The 3 day at 1 afternoon, Mercury
The 6 day at 4 night Venus
The 10 day at night, the 7 Stars
The 11 day at 1 morn. Jupiter
The 19 day, at 10 night, Saturn
The 27 day, at 2 morn. Mars
} is with the Moon.

Some seeds of Contention and Debate are sown amongst us, which if not in time prevented may ascend to a great height.

Per hyemem itinera sunt incommodi plena, interdum etiam periculi.

D.	hou.	min.	*Full Sea at London-bridge*
1	1	42	Day 9 ho. 30 min.
2	2	30	
3	3	14	
4	3	56	
5	4	39	
6	5	20	
7	6	2	
8	6	44	Terra in ♏, ☉ ♓
9	7	27	Day 10 hours.
10	8	14	
11	9	3	
12	9	55	
13	10	49	
14	11	48	
15	12	48	
16	mor.	48	Day 10 ho. 30 min.
17	1	47	
18	2	43	
19	3	40	
20	4	35	
21	5	29	
22	6	23	
23	7	19	Day 11 hours.
24	8	15	
25	9	8	
26	10	2	
27	10	54	
28	11	45	

☽ New moon the 5 day, at 29 min. past 1 a clock in morn.
☽ First quarter the 13 day, 19 min. past 6 in the morning.
☽ Full moon the 19 day, 4 min. past 6 in the afternoon.
☾ Last quarter the 26 day, neer 3 in the afternoon.

K	☽	Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
1	D	☽ Sun. in Lent	Aqua. 12	*Tempori cedere sapien-*	4 M 42
2	e	Sun set 5. 44	Aqu. 24	*tia est.* The 1 and 2	5 0
3	f	Maurice	Pisc. 6	rain-like.	5 17
4	g	Adrian	Pisc. 18	Warm. ☽ Apog.	5 31
5	a	Sun rise 6. 9	Aries 0	♂ ☉ ☿ 7. p. High	New ☽
6	b	Frideric.	Aries 12	windes, and rain.	8 A 14
7	c	Felicitas	Aries 24	□ ♃ ☽ 1 a. Warm.	9 23
8	D	4 Sun. in Lent	Taur. 6	Cloudy. ♂ ☽ ☿ 9 p.	10 30
9	e	Sun set 5. 59	Taur. 18	Td. ♄ ♃. Haile.	11 35
10	f	Michæas	Gem. 0	Fair and windy.	12 36
11	g	Cuniber	Gem. 13	*Hail*, and cold storms.	mo. 36
12	a	Gregory	Gem. 26	☌ ☉ ♄ 8 p. and the	1 30
13	b	Sun rise 5. 53	Canc. 9	Spring backward.	2 17
14	c	Eutych.	Canc. 22	Great things may be	2 56
15	D	☽ Sun. in Lent	Leo 6	shortly expected.	3 28
16	e	Cyriac.	Leo 20	The 14, 15, 16. indiff.	3 54
17	f	Sun set 6. 15	Virg. 6	□ ♆ ☽. Fair and clear.	4 19
18	g	Gabriel	Virg. 20	*In arduis voluisse sat*	4 40
19	a	Joseph	Libra 6	*est.* Turbulent.	Full ☽
20	b	Sun rise 5. 39	Libra 20	□ ♂ ☽ 12. p. Warm.	8 A 21
21	c	Benedict.	Scor. 5	The weather indiffer.	9 46
22	D	6 Sun. in Lent	Scor. 19	V Vinde and clouds.	11 6
23	e	Sun set 6. 27	Sag. 4	Some stormes.	12 15
24	f	Quirinus	Sag. 18	□ ☿ ☽ 9. Variable.	mo. 15
25	g	Anun. Mary	Capr. 2	△ ♄ ♃ 0. Stormy.	1 11
26	a	Sun rise 6. 28	Capr. 15	Som wind ✶ ☿ ☽ 10 p	1 55
27	b	Io. Ereta.	Capr. 27	△ ♄ ♀ 3 a. and rain.	2 28
28	c	Gideon	Aqua 9	V Varme. ☽ Apog.	2 55
29	D	Easter day	Aqua 21	Rain. △ ♃ ♀ 23.	3 16
30	e	Sun set 6. 41	Pisc. 3	♂ ♅ ♀ 9 p. Tempe-	3 32
31	f	Balbina.	Pisc. 15	rate and seasonable.	3 47

Moons rise. Moons Setting. Moons Rising.

The 5 day at 4 afternoon, Mercury
The 8 day at 9 night, Venus
The 10 day at 2 morning, the 7 ſtars } is with the Moon.
The ſame day at 2 afternoon, Jupiter
The 19 day at 6 morn. Saturn
The 27 day at midnight, Mars

This moneth will not yield any great change in Mundane affairs, yet ſome News arrives, which will not be unpleaſing.

D.	ho.	min.	*Full Sea at London-Bridge.*
1	0	32	
2	1	16	
3	2	1	Day 11. ho. 30. min.
4	2	42	
5	3	23	
6	4	5	
7	4	48	
8	5	32	
9	6	17	
10	7	5	*The 10 day at 1 ho. 23 m. morn. the Earth*
11	7	55	*enters* ♎, *the* ☉ *ſeeming to touch the oppoſite*
12	8	48	*Point* ♈, *making the Day* 12 *ho. and the Night*
13	9	43	12. *ho.*
14	10	40	
15	11	37	
16	12	28	
17	mor.	28	Day 12 hours 30. min.
18	1	29	
19	2	24	
20	3	19	
21	4	15	
22	5	11	
23	6	8	
24	7	5	Day 13. hours.
25	8	2	
26	8	56	
27	9	48	
28	10	38	
29	11	24	
30	0 A	8	
31	0	50	Day 13 hours 30 m.

● New moon the 3. day, 18. min. past 6 a clock at night.
☽ First quarter the 11 day, half an hour before noon.
○ Full moon the 18 day, a quarter past 2 in the morning.
☾ Last quarter the 25 day, at 6 a clock and 30 min. morn.

☿	☉	Holy & festival days, with Sun rise	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.	
1	g	Sun rise 5.14	Pisc. 27	☽ Apog. Cold. ☌♄☽ 4	M 2	M.R.
2	a	Mary Æg.	Aries 9	moist. *Omnia sunt in* 4	15	
3	b	Christian.	Aries 21	*potestate virtutis.*	New	☽
4	c	Sun set 6 52	Taur. 3	□☌☽ 11 p. Warm.	8 A 30	
5	d	Low Sund.	Taur. 15	Fair and dry. ☽ vac	9 36	
6	e	Sixtus	Tau. 27	☐d ♄☿. Turbulent	10 38	
7	f	Sun rise 5. 2	Gem. 10	☌♄☿ 10 a. windes	11 36	
8	g	Dionisius	Gem. 22	and clouds. ✶ ☉ ☽	12 23	
9	a	*N.V.W.* 1619	Canc. 5	The thing is difficult	mo. 23	
10	b	Sun set 7. 4	Canc. 18	to obtain. ☿ ☿ ♆.	1 4	
11	c	Leo pap.	Leo 2	Something windy.	1 38	
12	d	2. Sun. af. Ea.	Leo 16	Warm. ☌☌☽ 8 a.	2 6	
13	e	Justinus	Virg. 0	✶♅☿ 8 a. Windy.	2 29	
14	f	Sun rise 4 48	Virg. 14	Very temperate.	2 50	
15	g	Term begin	Virg. 29	Cold and cloudy.	3 10	
16	a	Carisius	Libra 14	Warm windes.	3 30	
17	b	Sun set 7.17	Libra 29	*Hesperus in Elong.*	3 51	
18	c	Apollon.	Scor. 14	*Maxima à Sole.*	Full	○
19	d	3. Sun af. Ea.	Scor. 29	☌♅☽ 12 p. Fair.	10 A 1	
20	e	Sulpitius	Sag. 13	Winde and haile.	11 5	
21	f	Sun rise 4.36	Sag. 27	Now expect plenty	11 55	
22	g	Emanuel	Capr. 10	of action abroad.	12 34	
23	a	George	Capr. 23	□☽☿ 2 p. Cold and	mo. 34	
24	b	Sun set 7.28	Aqua. 6	□ ♄☿♀ 6 a. wet.	1 3	
25	c	S. Mark.	Aqua. 18	*Sapientibus eventa re-*	1 24	
26	d	4 Sun. af. Ea.	Pisc. 0	*rum patent.* 25 warm.	1 42	
27	e	Sun rise 4.26	Pisc. 12	The 26 cold winds.	1 58	
28	f	Vitalis	Pisc. 24	Winde and clouds.	2 12	
29	g	Sibilla	Aries 5	Better at home then	2 25	
30	a	Sun set 7. 38	Aries 17	abroad. ☿ ☌ ♂.	2 40	

Moons-Setting.

Moons-Rising.

The 1 day at 6 morning, Mercury
The 7 day at 5 morn. Jupiter
Same day at 7 night, Venus
The 15 day, at 2 afternoon, Saturn
The 25 day at 10 night, Mars
} is with the Moon.

Hesperus the Evening Star is now in her greatest distance from the Sun, and sets the 15 day at a 11 a clock and 53. min.

Cœli enarrant gloriam Dei & opera manuum ejus annunciat firmamentum

D.	ho.	min.	
			Full Sea at London-bridge.
1	1	A 32	
2	2	11	
3	2	55	
4	3	39	
5	4	24	
6	5	11	
7	6	2	
8	6	53	Day 14 hours.
9	7	47	Terra in ♏, ☉ ♂
10	8	43	
11	9	38	
12	10	32	
13	11	25	
14	12	18	
15	mor.	18	
16	1	11	Day 14 ho. 30 m.
17	2	5	
18	3	0	
19	3	58	
20	4	57	
21	5	57	
22	6	54	
23	7	48	
24	8	39	Day 15 hours.
25	9	25	
26	10	10	
27	10	53	
28	11	33	
29	0	A 14	
30	12	55	

● New moon the 3 day, 19 min. past 9 in the morning.
☽ First quarter the 10 day, 32 min. past 6 in the afternoon.
○ Full moon the 17 day, 52 min. past 10 in the morning.
☾ Last quarter the 24 day, 3 quarters past 10 at night.

☌ ☍	☌ ☍	Holy & festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons R. & Setting.	
1	♂	Phil. & Jac.	Aries 29	*Infecti sunt omnes a-*	☽ M ○	M.R.
2	☾	Sun set 7. 41.	Tau. 12	*varitiæ labe.* The 1 &	3 22	
3	☽D	Rogation-S.	Tau. 24	2 variable, 3 fair,	New ☽	
4	☾	Florian.	Gem. 7	clear, warme.	9 ♐ 35	
5	☾	Sun rise 4.14	Gem. 19	A Bird in hand worth	10 26	
6	☿	Joh. à Port.	Can. 2	2 i'sh' bush. Variable.	11 9	
7	☿	Ascension day	Can. 15	☌☿☽ 2 a. cloudy.	11 45	
8	♄	Sun set 7. 51	Can. 29	Some hail. ✶☿☽ 1 a.	12 12	Moons Setting.
9	☾	Hieb.	Leo 12	△☉♄ 10 p. Dark.	mor. 12	
10	☽D	Parerat.	Leo 26	Cold and cloudy.	0 37	
11	☾	Term ends	Virg. 10	☌ ☉ ☿ 3 p. Winds	0 59	
12	☾	Sun rise 4. 3	Virg. 24	and clouds, and per-	1 19	
13	☿	Servatius	Libra 9	□☌♀ 5 p. haps hail	1 34	
14	☿	Fortuna	Libra 23	and thunder. *Adjuva*	1 55	
15	♄	Sun set 8. 1	Scor. 8	*patriam.* Stand for the	2 46	
16	☾	Peregrin.	Scor. 22	good and welfare of	2	
17	☽D	Whit Sunday	Sag. 7	your Country. Warm	Full ☽	
18	☾	Venant.	Sag. 21	☌♃☿ 8 p. Wind and	9 ♐ 48	
19	☾	Sun rise 3.55	Capr. 4	storms. □♄☽ 2 a.	10 26	
20	☿	Bernhard.	Capr. 18	Cloudy, but fair.	10 59	
21	☿	Prudent.	Aqua. 1	Very hot, with thun.	11 26	
22	♄	Sun set 8. 8	Aqua. 14	□☉☌ 1 a. & light.	11 44	Moons Rising.
23	☾	Desider.	Aqua. 26	*Multis & gravibus*	12 1	
24	☽D	Trin. sunday.	Pisc. 8	*damnis bellum regionis*	mor. 1	
25	☾	Urbanus.	Pisces 20	*afficit.* □♄☿ 5 a.	0 16	
26	☾	Sun rise 3.48	Aries 2	A Sickly season. The	0 29	
27	☿	Beda.	Aries 14	24, 25, & 26. wind &	0 42	
28	☿	Wilhel.	Aries 26	clouds. Rain-like	1 0	
29	♄	Term begin.	Taur. 7	Fresh gales of wind	1 21	
30	☾	Sun set 8. 15	Taur. 20	☌ ☉ ♃ 6 a. cleating	1 46	
31	☽D	1 Sun. af. Tri.	Gem. 2	the air. △♄☽ 5 a.	2 10	

The 3 day at 11 morning, Mercury
The 4 day at 10 night, Jupiter
The 7 day at 2 morning, Venus
The 13 day at 8 night, Saturn
The 17 day at 8 morn. Cor Scor,
The 24 day 9 night, Mars
} is with the Moon.

Jupiter and Sol are close in Consultation in the 18 of Gem. Londons Ascendant, promising to them and the faithful Governours of that City, much happiness and prosperity, and that they shall exercise their authority with much candor and dexterity.

D.	ho.	min.	*Full Sea at London-bridge.*
1	1	A 40	
2	2	25	
3	3	11	
4	4	3	*Day 15 hou. 30. min.*
5	4	53	
6	5	48	
7	6	43	
8	7	38	
9	8	30	
10	9	23	Terra in ♎, ☉ ♓
11	10	14	
12	11	3	
13	M	55	
14	12	48	*Day 16 hours,*
15	mor.	48	
16	1	41	
17	2	35	
18	3	38	
19	4	37	
20	5	32	
21	5	26	
22	7	17	
23	8	2	
24	8	46	
25	9	27	
26	10	8	
27	10	50	
28	11	31	
29	☽	A 15	
30	1	4	*Day 16 hours 30 min.*
31	1	52	

June hath xxx days.

☽ New moon the 1 day, 17 min. past 10 a clock at night.
☾ First quarter the 8 day 35 min. past 11 at night.
○ Full Moon the 15 day, 39 min. past 8 in the evening.
☽ Last quarter the 23 day, at 4 in the afternoon.

☌ ☍	☽ ☿	Holy & festival days, with Sun-rise.	Moons Sign.	The Planets Aspects, & change of ayre &c.	Moons Rising and Setting.
1	e	Sun rise 3.43	Gem. 15	Clear and warm.	New ☽
2	f	Marcel.	Gem. 28	Cloudy. ☿ *stat.* in ♋	9 A 3
3	g	Erasmus	Canc. 12	☉. Windy. ♂☿☽ 6 p.	9 41
4	a	Sun set 8 18	Can. 25	☌♄☿. Some thund.	10 12
5	b	Boniface	Leo. 9	□♅ ♂☉. & lightn	10 39
6	c	Artemin.	Leo 23	After follows ♋♋ ♅☿	10 59
7	d	2 Sun.aft.Tri.	Virg. 7	♂☿ ☿ 9 p. Winde.	11 20
8	e	Sun rise 3.40	Virg. 21	Warm & temperate.	11 38
9	f	Barnim.	Libr, 5	Hail, rain. ♋♋ ♅☿	11 57
10	g	Onophrius	Libr. 19	□ ☉ ♄ 1 p. and	12 17
11	a	Sun set 8. 20.	Scor. 3	thunder. *Noli patriæ*	mor. 17
12	b	Blandin.	Scor. 17	*deesse.*	0 41
13	c	Cyrillus	Sag. 2	Cold & windy. △☿☽	1 13
14	d	3 Sun.af.Tr.	Sag. 15	Fair ☿ *Elong. Max.*	2 0
15	e	Sun rise 3 41	Sag. 29	Thunder-like.	Full ☽
16	f	Ruland.	Capr. 13	A sad time in many	8 A 53
17	g	Term ends.	Capr. 26	places; winde and	9 24
18	a	Sun set 8. 18	Aqu. 9	clouds. ☽ *vac. cur.*	9 43
19	b	Gervase	Aqu. 22	Td ♂☿. scarce fair.	10 3
20	c	Regina	Pisc. 4	Warm. △☉☽ 10 p.	10 18
21	d	4 Sun.af. Tr.	Pisc. 16	☌♄♂ 10 p. Hail &	10 50
22	e	Sun rise 3.44	Pisc. 28	thunder, *Magni belli*	10 45
23	f	Basilius	Arie. 10	*timor impendet.*	11 0
24	g	John Bapt.	Arie. 22	✶☽♅ 5 p. showers	11 19
25	a	Elogius	Taur. 4	♂☉☿ 1 a. of rain	11 41
26	b	Sun set 8. 14	Taur. 16	Overcast. ✶☿☽ 5 a	12 10
27	c	7 Dorm.	Taur. 28	△♄☽ 4 p. ✶♂☽ 10 p	mo. 10
28	d	5 Sun.af.Tri.	Gem. 11	Variable. ✶☿☽ 3 a.	0 55
29	e	Peter Apost.	Gem. 24	Fair. Be constant.	1 35
30	f	Sun rise 3.49	Canc. 7	♂☿☽ 5 p. Rain.	2 36

Moons-setting.

Moons-Rising.

The 1 day at 7 night, Jupiter
The 3 day at 6 night, Mercury
The 4 day at 5 morn. Venus
The 9 day at 2 morn. Saturn
The 22 day at 4 afternoon, Mars
} is with the Moon.

This Month is like to produce something more than ordinary upon the Stage of Europe, but in what nature, time will best shew. Let us, therefore, pray to God, that he may avert the judgments impending, and continue peace amongst us.

D.	ho.	mi.	*Full Sea at London-bridge.*
1	2 A	43	
2	3	37	
3	4	33	
4	5	28	
5	6	23	
6	7	15	
7	8	7	
8	8	57	
9	9	46	
10	10	36	
11	11	28	*The 11 day at 4 ho. 23 min. morn. the Earth enters ♍, the ☉ in 69. making the longest day, and shortest night, the one containing 16, ho. 40 m. the other 7 ho. 20. m.*
12	12	22	
13	mor.	22	
14	1	19	
15	2	16	
16	3	14	
17	4	11	
18	5	49	
19	5	2	
20	6	35	
21	7	18	
22	7	58	
23	8	39	*Day 16 ho. 30. m.*
24	9	20	
25	10	48	
26	10	3	
27	11	36	
28	0 A	26	
29	1	20	
30	2	15	

● New moon the 1 day, 13 min. past 9 in the morning.
☽ First quarter the 8 day, at 4 and 18 min. past 6 in the morn.
○ Full moon the 15 day, 35 min. past 6 in the morning.
☽ Last quarter the 23 day, at 9 and 3 min. before noon.
● New moon the 31 day, at 6 and 28 min at night.

♑	♓	Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.	
1	g	Sun set 8. 9	Can. 20	Be wary & circumsp.	New ☽	
2	a	Visit. Mary	Leo 4	The 1, 2, and 3, days	8 A 35	
3	b	Cornelius	Leo 19	seasonable. ✶♄☽.	9 0	
4	c	Sun rise 3. 54	Virg. 3	△♂☿ 2 a. wind and	9 21	
5	♋	6 Sun. af. Tri.	Virg. 17	□♂♀ 11 a. showers.	9 40	
6	e	Hester	Libr. 2	Very bad Hay-wea.	9 59	
7	f	Sun set 8. 3.	Libr. 16	Indifferent. △♅☽ 19	10 18	
8	g	Chilian	Scor. 0	□☿☽ 4 p. temperate	10 42	
9	a	Cyrillus	Scor. 14	Fair and warm.	11 12	
10	b	Sun rise 4. 2	Scor 28	Cold air. ✶♄. △♀☽	11 50	
11	c	Pius	Sag. 11	✶♄♀ 6 a. Rain &	12 40	
12	♌	7 Sun. af. Tr.	Sag. 25	♂☉☿ 6 p. turbulent	mo. 40	
13	e	Sun set 7. 54	Capr. 8	winds. *Boxe ar'tes bo-*	1 42	
14	f	Bonavent.	Capr. 22	*nore vacant.*	2 55	
15	g	Divis. Apo.	Aqua. 4	Cold & windy. △♄☽	Full ☽	
16	a	Sun rise 4. 10	Aqu. 17	Notable actions in	8 1	
17	b	Alexius	Aqu. 29	som parts of the wor.	8 19	
18	c	Rosina	Pisc. 12	The 16, 17, 18, & 19	8 35	
19	♍	Dog daibeg.	Pisc. 24	seasonable. □♅☽.	9 48	
20	e	Sun set 7. 43	Arie. 6	☽ *Apog.* Cold rain.	9 5	
21	f	Daniel	Arie. 18	*Intercluſa via eſt.*	9 22	
22	g	Mar. Mag.	Aries 29	Some winde.	9 42	
23	a	Sun rise 4. 21	Taur. 11	□☉☽. Indifferent.	10 6	
24	b	Christiana	Tau. 23	Fair and windy.	10 40	
25	c	James Apost.	Gem. 6	Cool. △♄☽ 3 a.	11 13	
26	♎	9 Sun. af. Tri.	Gem. 18	More hot. ✶♂☽ 7 a.	12 18	
27	e	Sun set 7. 32	Can. 1	□♄, & ♂♀☽. rain.	mo. 18	
28	f	Panthal.	Can. 15	Sultry hot. □♂☽ 3. p	1 26	
29	g	Beatrix	Can. 29	Wind and clouds.	2 44	
30	a	Sun rise 4. 33	Leo 13	Hot and sultry.	New ☽	
31	b	German.	Leo 28	△☉♂ 9 a. Thunder	7 A 14 S.	

Moons setting.

Moons Rising.

The 2 day at 2 afternoon, Mercury
The 6 day at 10 morn. Saturn
The 21 day, at 4 morning, Mars
The 27 day, at 11 morn. Jupiter
The same day at 8 night, Venus
The 29 day at 9 morn. Mercury
} is with the Moon.

As the weather is now hot, so men are fitte of a hotter constitution then formerly. They cannot now endure good regulation, but seek after revenge for every petty trespass. Latrones ex insidiis in vitatores invadunt.

D.	ho.	min.	
1	3	A 13	*Full Sea at London-bridge.*
2	4	9	
3	5	5	
4	5	58	
5	6	49	
6	7	39	
7	8	28	
8	9	19	*Day 16 hour.*
9	10	12	
10	11	6	
11	12	1	
12	mor.	1	Terra in. ♒ ☉ ♌
13	0	57	
14	1	53	
15	2	48	
16	3	37	
17	4	23	
18	5	8	
19	5	51	*Day 15 hou. 30 min.*
20	6	32	
21	7	13	
22	7	56	
23	8	40	
24	9	25	
25	10	14	
26	11	6	
27	0	A 1	
28	0	58	*Day 15 hour.*
29	1	55	
30	2	51	
31	3	46	

Auguſt hath xxxi days.

☾ Firſt quarter the 6 day, 44 min. paſt 9 in the morning.
● Full moon the 13 day, 33. min. paſt 9 at night.
☾ Laſt quarter the 22 day, 15 min. paſt 9 a clock at night.
● New moon the 29 day, 50 min. paſt 2 in the morning.

☽	☉	Holy and feſtival days, with Sun riſe.	Moons Sign.	The Planets Aſpects, & change of Ayr, &c.	Moons Riſing & Setting.	
1	♌	Sun riſe 4.36	Virg. 12	☿ *Elong. Max. à Sole.*	7 A 45	
2	♍	10 Sun.af. Tri	Virg. 27	□♃☽ ☽ p. Variable,	8 6	
3	♍	Domin.	Libr. 12	winde and ss ♄ ☿	8 29	
4	♎	Sun ſet 7.18	Libr. 26	✶♄☿ ☽ a. clouds.	8 49	
5	♎	Oſwald	Scor. 10	*Finem doloris dies aſſ-*	9 16	
6	♏	Sixtus	Scor. 25	*eret*, Some winde.	9 52	
7	♏	Sun riſe 4.47	Sagit. 8	△☿☽ 11 a. Cold.	10 37	
8	♐	Ladiſl.	Sagit. 22	Fair and warm.	11 36	
9	♐	11 Sun.af. Tr	Capr. 5	Rough air. □☽ ♄.	12 46	
10	♑	Sun ſet 7.7.	Capr. 18	□♄♃ 6 p. Thunder,	mo. 46	
11	♑	Tytus	Aqua. 0	and ſtorms. Some	2 2	
12	♒	Clara	Aqua. 13	War-like ſtratagems.	3 20	
13	♒	Sun riſe 4. 59	Aqua. 26	Indifferent, ✶♂☽ 2 a.	Full ☽	
14	♓	Bertram.	Piſc. 8	△♂☿ 10 p. Hail &	6 A 48	
15	♓	Aſſum. Mary	Piſc. 20	windy. △☿☽ 6 a.	7 1	
16	♈	12 Sun.af. Tri.	Aries 2	♂♄☽ 6 a Cloudy.	7 16	
17	♈	Sun ſet 6. 52	Arie. 14	Fair and temperate.	7 33	
18	♉	Helena	Arie. 26	Windy, yet warm.	7 52	
19	♉	Sebaldus	Tau. 8	✶♃☽ 7 a Fair	8 18	Moons Setting.
20	♊	Bernard.	Tau. 20	□♂♀ 5 a. Hafty	8 46	
21	♊	Sun riſe 5.16	Gem. 2	ſhowers. *Rei maturi-*	9 23	
22	♋	Simphron	Gem. 14	*tas non adeſt.*	10. 11	
23	♋	13 Sun. af. Tr.	Gem. 27	Warm in the morn.	11 13	
24	♌	Barth. Ap.	Can. 9	Mutable. □♄☽ 9 a.	12 25	
25	♌	Sun ſet 6. 37	Canc. 23	♂☉☿ 1 p. Great	mo. 25	
26	♌	Irenæus	Leo 7	winds. ☽9♂☿.	1 42	
27	♍	Gebhar.	Leo 21	Peace is a jewel.	3 10	
28	♍	Dog da. end.	Virg. 6	Good weather.	5 39	
29	♎	Sun riſe 4. 30	Virg. 27	Variable. ♂☽ 5 a.	New ☽	
30	♎	14 Sun. af. Tr	Libr. 6	Ve. ♂☿. Cold wind.	6 A 35	M.S.
31	♏	Sun ſet 6. 26	Libr. 21	Very warm. ♂☽♂.	6 58	

The 2 day, at 9 night, Saturn
The 18 day, at 2 morn. Mars
The 27 day, at 6 morn. Jupiter
The 25 day, at 5 night, Venus
The 29 day, at 5 morn. Mercury
The 30 day at noon, Saturn
} is with the Moon.

The Stars do now shew a very sickly season and unhealthfull constitution of the Air, Feavers, I suppose, will abound, and I much fear the Pestilence, which God avert from us.

D.	ho.	min.	*Full Sea at London-bridge.*
1	4 A	39	
2	5	32	
3	6	24	
4	7	16	
5	8	9	
6	9	3	*Day 14 houres 30 min.*
7	9	58	
8	10	54	
9	11	50	
10	12	45	
11	mor.	45	
12	1	37	Terra in ♓, ☉, ☿
13	2	27	
14	3	11	*Day 14 houres.*
15	3	53	
16	4	25	
17	5	14	
18	5	56	
19	6	40	
20	7	25	
21	8	13	*Day 13 houres 30 min.*
22	9	2	
23	9	54	
24	10	50	
25	11	45	
26	12	42	
27	1 A	38	
28	2	32	
29	3	27	*Day 13 houres.*
30	4	20	
31	5	14	

September hath xxx days.

☽ First quarter the 4 day, at 0 a clock at night.
● Full moon the 12 day, 12 mi. past 1 in the afternoon.
☾ Last quarter the 20 day, at 4 a clock in the afternoon.
● New moon the 27 day, 15 min. past 11 before noon.

K	☽	Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of days, &c.	Moons Rising & Setting.
1	f	Sun set 6. 23	Scor. 6	Fair. ☌ ☉ ♃	7 A 26
2	g	Rachel	Scor. 21	☿ in Elong. Max à ☉	7 59
3	a	Euphem.	Sag. 5	Vc. ☉ ☍ ♂ Welcome,	8 44
4	b	Sun rise 5.41	Sag. 18	news from many pla.	9 41
5	c	Zacharie	Capr. 2	Blustering air.	10 49
6	☽	15 Sun. af. Tr.	Cap. 15	SS ♃☿. Mixt weath.	12 1
7	b	Sun set 6. 11	Cap. 28	Indifferent. △☉☽.	mo. 1
8	c	Nat. Mary	Aqu. 10	☍♄☿ 3 p. very tur-	1 15
9	g	Gorgon.	Aqu. 23	□♃☿ 62. bulent	2 33
10	a	Sun rise 5.55	Pisc. 5	winds. △♃☽ 7 p.	3 46
11	b	Eobald.	Pisc. 17	*Ex bello calamitas.*	4 56
12	c	Sun set 6. 0	Arie. 29	Milde ☍♄ & □♃☽ 18	Full ☽
13	☽	16 Sun. af. Tr.	Arie. 11	Turbulent. ☽ *zrov.*	5 A 51
14	c	Exalt. Crucis	Arie. 23	more mild. Windes	6 11
15	f	Sun rise 6. 3	Taur. 5	☍☍☿ 4 p. & storms,	6 32
16	g	Euphem.	Taur. 17	with hail. Some bu-	6 59
17	a	Lambert.	Tau. 29	sie heads are at work.	7 31
18	b	Sun set 5. 47	Gem. 11	The 18, 19, and 20,	8 17
19	c	Januarius	Gem. 23	fair for the most part.	9 12
20	☽	17 Sun. af. Tr.	Canc. 5	□ ♄ and ☍♃☽.	10 19
21	e	S. Matthew	Can. 18	☍☉♄ 9 p. cold rain	11 34
22	f	Sun rise 6. 19	Leo 1	□☉♃ 3 p. Winds.	12 53
23	g	Joel	Leo 15	Clear. △☍☽ 1 p.	mo 53
24	a	Rupert.	Leo 29	A very sickly season, &	2 18
25	b	Sun set 5 33	Virg. 14	news of war and con	3 43
26	c	Cyprian.	Virg. 29	tention from many	5 12
27	☽	18 Sun. af. Tr.	Libr. 15	parts ☍ ☉ ☍ ☿ p.	New ☽
28	e	Sun rise 6. 31	Scor. 0	Warm dry winds. *Ad-*	5 A 33
29	f	S. Michael	Scor. 15	*esse jam grave bellum*	6 8
30	g	Sun set 5. 23	Sag. 0	*videtur.* Windy air.	6 50

Moons Setting. Moons Rising. M. Set.

The 14 day, at 4 morning, Mars
The 20 day, at 7 night, Jupiter
The 24 day at 6 morn. Venus
The 27 day at 4 morn. Saturn
The 28 day at midnight, Mercury
} is with the Moon.

This moneth I fear, will also be unhealthful to mankinde: and its to be thought, there will be many notable alterations in Europe, much bloudshed, Depopulation, and mine by fire, in sundry places. From which good Lord deliver us.

D.	Ho.	m.	
			Full Sea at London-bridge.
1	6 A	9	
2	7	5	
3	8	1	
4	8	59	
5	9	56	
6	10	50	*Day 12 hours 30 min.*
7	11	41	
8	12	30	
9	mor.	30	
10	1	16	
11	1	59	*The 12 day, at 7 hou. 19 min. at night, the*
12	2	44	*Earth enters ♈, the ☉ then seeming to touch the*
13	3	25	*opposite point ♎, making equall day and night to all*
14	4	6	*Nations.*
15	4	49	
16	5	33	
17	6	19	
18	7	6	
19	7	58	*Day 11 hou. 30 min.*
20	8	50	
21	9	45	
22	10	39	
23	11	31	
24	12	26	
25	1 A	19	
26	2	13	
27	3	8	*Day 11 ho.*
28	4	4	
29	5	1	
30	5	59	

October hath xxxi days.

☽ First quarter the 4 day, 28 min. past 5 in the morning.
● Full Moon the 12 day, at 6 and 36 min. in the morning.
☾ Last quarter the 20 day, 40 min. past 4 in the morning.
● New moon the 26 day, 51 min. past 8 at night.

℞	☽	Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
1	a	Sun set 5. 21	Sag. 14	Frost-like. ✶ ♄ ☽.	7 A 42
2	b	Leodeg.	Sag. 28	Vc ♂ ♀. Variable.	8 46
3	c	Simplicius	Cap. 11	□ ♄ ♃ ☉. Wind and	10 0
4	D	19 Sun. af. Tr.	Cap. 24	wet. □ ☉ ☽ 5 a.	11 17
5	e	Sun rise 6. 47	Aqua. 7	Wind and clouds.	12 31
6	f	Aurelia	Aqu. 20	Temperate. ✶ ♃ ♀ 8	mo. 31
7	g	Spes	Pisc. 2	Some drops Vc ♂ ♀	1 45
8	a	Sun set 5. 8	Pisc. 14	△ ♅ ☽ 12 p. tempera.	2 56
9	b	Dionysius	Pisc. 26	♀ *Digref. Max.* wind,	4 6
10	c	Gideon	Aries 8	☍ ♄ ♂ 2 p. rain and	5 15
11	D	20 Sun. af. Tr.	Arie. 20	hail, and Td ☉ ♃	6 22
12	e	Sun rise 7. 1	Taur. 2	□ ♃ ♂ 10 p. turbu-	Full ☽
13	f	Tilemo	Tau. 14	lent air. *Vehementer*	5 A 8
14	g	Calixtus	Tau. 26	*bellum regiones op-*	5 41
15	a	Sun set 4. 53.	Gem. 3	*primit.* Frost.	6 22
16	b	Gallus	Gem. 20	♀ ♃ ♀. Temperate.	7 13
17	c	Florent.	Canc. 2	Seasonable. △ ☉ ☽	8 14
18	D	Luke Evang.	Can. 15	Snow-like. □ ♄ ☽.	9 24
19	e	Sun rise 7. 5	Can. 28	✶ ♀ ☽ 6 a. mild.	10 39
20	f	Wendel.	Leo 11	Warm. △ ♂ ☽ 6 a.	11 58
21	g	Vrsula	Leo 24	Vc ☉ ♂. Fair.	13 22
22	a	Sun set 4. 40	Virg. 9	Fair & windy. ✶ ♀ ☉	1 M 22
23	b	Term begin.	Virg. 23	*Multorum malorum*	2 46
24	c	Salome	Libr. 8	*causa referenda ad a-*	4 13
25	D	22 Sun. af. Tr.	Libr. 23	*varitiam.* The 23,	5 40
26	e	Sun rise 7. 27	Scor. 8	24, and 25, overcast.	New ☽
27	f	Victoria	Scor. 23	Bq ☉ ♂. Variable.	4 A 40
28	g	Simon & Jud	Sag. 8	Indifferent.	5 29
29	a	Sun set 4. 27	Sag. 23	☽ ☊. Fair and dry.	6 29
30	b	Absalon.	Cap. 6	The moneth ends	7 43
31	c	Sun rise 7. 36	Cap. 20	♂ ♂ ♀ 6 a. with wet.	o

Moons Setting. Moons Rising. Setting

The 10 day, at 6 afternoon, Mars
The 14. day at 11 morn. the seven ✶
The 18 day at 4 morn. Jupiter
The 23 day at 11 night, Venus
The 24 day at 7. night, Saturn
The 27 day, at 7 morn. Mercury
} is with the Moon

More then ordinary News will arrive this moneth from Forsign parts and especially from the S. E. and S. W. which will prove welcome and pleasing to our Nation.

D.	ho.	min.	
			Full Sea at London-bridge.
1	6 A	58	
2	7	26	
3	8	53	
4	9	48	*Day* 10. *ho.* 30 *min.*
5	10	37	
6	11	24	
7	12	7	
8	mor.	7	
9	0	49	
10	1	32	
11	2	13	
12	2	45	*Day* 10. *houres*
13	3	36	Terra in ♉. ☉ in
14	4	21	
15	5	10	
16	6	0	
17	6	51	
18	7	44	
19	8	36	*Day* 9 *ho.* 30 *m.*
20	9	28	
21	10	19	
22	11	11	
23	0 A	3	
24	0	56	
25	1	50	
26	2	45	
27	3	43	*Day* 9 *houres.*
28	4	43	
29	5	43	
30	6	42	
31	7	39	

November hath xxx day

☽ First quarter the 2 day, 38 min. past 8 a clock at night.
● Full moon the 11 day, 3 min. past 1 in the morning.
☾ Last quarter the 18 day, 39. min. past 3 afternoon.
● New moon the 25 day, 34 min. past 7 in the morning.

		Holy and festival days, with Kyries	Moons Sign.	The Planets Aspects, Moons change of Ayr, &c.	Moons Rising & Setting.	
1	D	All Saints	Aqu. 3	☌☉☿ 4 p. Storms	10	A 17
2	e	All Soules	Aqu. 16	of wind and rain, or	11	35
3	f	Sun rise 7.41	Aqu. 29	snow, which may	12	48
4	g	Modestius	Pisc. 11	☌♄ ☿ 8 a. continue	mo.	48
5	a	Petron.	Pisc. 23	most part of this	1	58
6	b	Sun set 4. 14	Aries 5	week. ☍☍ ♄☿	3	6
7	c	Florent.	Arie. 17	*Exitus rei fœlix erit.*	4	13
8	D	24 Sun. af. Tr.	Arie. 28	The 7 rain or snow,	5	18
9	e	Sun rise 7.51	Tau. 10	□♅♂ 0. Temperate.	6	22
10	f	Justus	Tau. 22	Many discontents are	7	25
11	g	Mart. Ep.	Gem. 4	amongst us. ✶☌☽.	Full	☽
12	a	Sun set 4. 4	Gem. 17	Cold △♄☽ 8 a.	5	A 7
13	b	Eugenius	Gem. 29	△☿☽ 2 a. cloudy	5	6
14	c	Friderie.	Canc. 12	Rough air. B☵ ☉ ☿	7	14
15	D	25 Sun. af. Tr.	Can. 25	□☿☽ 5 p. moist.	8	28
16	e	Sun rise 8. 1	Leo 8	*Quod crescit minuitur*	9	44
17	f	Huge	Leo 21	Cold and windy.	11	3
18	g	Hesichi.	Virg. 4	✶♅☽ Fair & temper.	12	23
19	a	Sun set 3. 55	Virg. 18	☿*Elong. Max à* ☉	mo.	23
20	b	Amos	Libra 3	A seasonable day.	1	45
21	c	Oblat. Mary	Libr. 17	Frost and snow.	3	7
22	D	26 Sun af. Tr.	Scor. 2	Temperate. ☌☿☽.	4	30
23	e	Sun rise 8. 10	Scor. 17	☌☿☽ 9 p. Variable	5	53
24	f	Chrisog.	Sag. 1	△♅☿ 1 p. Seasonab.	6	10
25	g	Catharine	Sag. 16	△☉☌ 1 a. Snow-like	New	☽
26	a	Sun set 3. 47	Cap. 1	The covetous man is	5	A 7
27	b	Gunther.	Cap. 14	discontented, & so is	6	26
28	c	Term ends	Cap. 28	the Schismatick too.	7	46
29	D	Advent Sun.	Aqu. 12	The 27 snow, and af-	5	9
30	e	Andrew Apo.	Aqu. 24	terwards little better	10	21

The 6 day at 9 night, Mars
The 10 day, at 5 night, the 7 Stars
The 14 day at 7 morn. Jupiter.
The 21 day, at 9 morn. Saturn
The 22 day, at 7 night, Venus
The 23 day, at 9 night, Mercury
} is with the Moon.

The High-wayes are dangerous, and the vulgar complain and are discontented, and some Parasits would make us believe wonders, Cavendum est, ne cuiquam fidei nos credamus.

D.	ho.	m.	
1	8 A	31	*Full Sea at London-bridge.*
2	9	22	
3	10	7	
4	10	50	*Day 8 ho. 30 m.*
5	11	30	
6	12	12	
7	mor.	12	
8	0	34	
9	1	17	
10	2	2	
11	3	50	Terra in ♍. ☉ ☥
12	3	52	
13	4	46	
14	5	39	
15	6	32	
16	7	24	*Day 8 hour.*
17	8	13	
18	9	2	
19	9	51	
20	10	41	
21	11	31	
22	0 A	24	
23	1	19	
24	2	17	
25	3	17	
26	4	16	
27	5	14	*Day 7 ho. 30 min.*
28	6	11	
29	7	3	
30	7	51	

D First quarter the 2 day, 24 min. past 3 in the afternoon.
● Full moon the 10 day, 56 min. past 6 at night.
D Last quarter the 17 day, 34 min. after midnight.
● New moon the 24 day, a quarter past 8 at night.

☽	☿ ♄	Holy and festivall days with Sun set	Moons Sign.	The Planets Aspects, & change of Ayr, &c.	Moons Rising & Setting.	
1	f	Sun rise 8. 17	Pisc. 7	Frost. □☿D 3 a.	11A33	
2	g	Candidus	Pisc. 19	△☿D 10 a. Cloudy.	12 43	
3	a	Cassian	Aries 1	Fair and windy.	mo.43	
4	b	Sun set 3. 42	Aries 13	☌♄♂ 9 p. Snow.	1 50	
5	c	Sabina.	Aries 25	*Res ad arma spectat.*	2 56	
6	d	2 Sun. in Adv.	Tau. 7	A troublesome world	4 0	
7	e	Sun rise 8. 19	Tau. 19	☌☿D 12 p. Cloudy.	5 3	
8	f	Concep. Mar.	Gem. 1	D *Vac. cursu.*	6 3	
9	g	Joachim.	Gem. 13	Snow-like.	6 57	
10	a	Sun set 3. 40	Gem. 26	Wind and clouds.	Full D	
11	b	Damasus	Canc. 8	Bq ♃ ☿. Temperate.	4A48	
12	c	Valerius	Canc. 22	Inclining to snow.	5 59	
13	d	3. Sun. in Adv	Leo 5	The 13, and 14, over-	7 18	
14	e	Sun rise 8. 20	Leo 18	cast. ☍☍ ☉ ☿.	8 53	
15	f	Abraham	Virg. 2	Temperate.	10 0	
16	g	Ananias	Virg. 15	☌☉ ♃ 11. winds	11 21	
17	a	Sun set 3. 41.	Virg. 29	purging the air.	12 38	
18	b	Christopher	Libr. 13	Snow. ☌♃☿.	mo. 38	
19	c	Sun rise 8. 18	Libr. 27	Frosty. D *Perig.*	1 57	
20	d	4 Sun. in Adv	Scor. 12	☌♃♂. Warm.	3 19	
21	e	Thomas Apo	Scorp. 26	Cold wind & storms	4 36	
22	f	Sun set 3. 43.	Sagi. 10	☌♃☿ 92. are now	5 48	
23	g	Victor Virg.	Sagit. 25	to be expected.	6 52	
24	a	Sun rise 8 15	Capr. 9	Frost: a windy time.	New D	
25	b	Christs Nat.	Cap. 23	The Heavens mourn	5A 3	
26	c	Stephen prot.	Aqu. 6	for our divisions.	6 25	
27	d	John Evang.	Aqu. 19	Winter-like weather	7 45	
28	e	Innocentes.	Pisc. 2	□☉♄ 10 p. Snow and	8 49	
29	f	Sun set 3. 50	Pisc. 15	frost, with wind and	10 13	
30	g	David	Pisc. 27	□♄☿ 1. p. stormy air	11 21	
31	a	Sun rise 8. 8	Aries 9	and so ends the year.	12 28	

Moons Setting.
Moons Rising.
M. Setting.

The 4 day at 6 night, Mars
The 7 day at midnight, the 7 Stars
The 11 day at 8 morn. Jupiter
The 18 day at 7 night, Saturn
The 22 day at 4 night, Venus
The 24 at 10 morn. Mercury
} is with the Moon.

Saturn and Mars are at odds, and their malignant influence may excite men to some illegal practises, but Justice follows them close to the heels, as the position of Jupiter and Sol foreshew.

D.	ho.	min.	
1	8 A	36	*Full Sea at London-bridge.*
2	9	18	
3	9	58	
4	10	39	
5	11	20	
6	12	4	
7	mer.	4	
8	0	47	
9	1	23	
10	2	24	*The 11 day, at 6 ho. 55 min. the morning, the Earth*
11	3	18	*enters ☑. the Sun ♈, making our shortest day and*
12	4	12	*longest night, the day containing 7 ho. 20 m. the night*
13	5	3	*16 ho. 40 m.*
14	5	56	
15	6	46	
16	7	35	
17	8	24	
18	9	13	
19	10	3	
20	10	56	
21	11	51	
22	0 A	48	
23	1	48	
24	2	47	*Day 7 ho. 30 min.*
25	3	43	
26	4	38	
27	5	29	
28	6	14	
29	7	0	
30	7	41	
31	8	21	

Finis anni Juliani 1657.

The dominion of the Moon in Mans Body, passing under the 12 Zodiacall Constellations.

Aries, Head and face

Taurus, Neck and throat.

Cancer, Brest and stomack

Virgo, Bowels & belly

Scorpio, Secret members

Capricorn, Knees

Gemini, Arms an shoulders

Leo, Heart and back

Libra, Reyns and loyns

Sagitarius, Thighes

Aquarius, Legs.

Pisces, the Feet.

The Characters of the seven Planets, with the Dragons head and tayl.

♄ *Saturn*, ♃ *Jupiter*, ♂ *Mars*, ☉ *Sol*, ♀ *Venus*, ☿ *Mercury*, ☽ *Luna*, ☊ *Dragons-head*, ☋ *Dragons-tayl*.

The Aspects both Old and New.

☌ Conjunction, when Planets are in one sign and degree.
⚺ Semisextile, when they are asunder, 1 sign.
⚹ Sextile, when they are 2 signs distant.
⚼ Quintile, when they are one from another, 2 signs 12 deg.
□ Quartile, when Planets are distant 3 signs.
Tdc Tridecile, when they are 3 signs 18 degrees distant.
△ Trine, when they are parted 4 signes
Bq Biquintile, when they are one from another, 4. Sig. 24. deg.
⚻ Quincunx, when they are five signs distant.
☍ Opposition, when they are distant a semicircle, or 180 deg.

Aspectus est angulus à radiis luminosis binarum Planetarum, apud terram formatus, efficax ad Rimulandam naturam sublunarem. Kep. Epit. Astron. pag. 840.

There are extant, New Ephemerides of the Cœlestial Motions, for 19 years, beginning Anno 1652. ending Anno 1671. which as they are the most accurate in being, so the first that (to my knowledg) was ever yet Composed by any of our Nation: for what others have here-tofore done in this nature are but Transcripts out of Originals, Maginus, Kepler, and others.

——— Siquid novisti rectius istis,
Candidus imperti, si non, his utere mecum.

Of the Eclipses this present Year.

The Inhabitants of the Earth shall four times this year be deprived of the light of the two great Luminaries, the Sun and Moon, whereof those two of the Moon will both be visible in the Hemisphere of Britain.

The first Eclipse is of the Sun the first day of June about 10 a clock at night, which will be conspicuous in the North-west parts of Mexicana, in Agamia Regio in thereof, as also in the extremity of North-America, the Kingdom of Quivira &c.

The second is a great Eclipse of the Moon, upon Munday night the 15 day of June, which will be visible to us in England.

Th beginning of this Eclipse will be at 6 a clock, 51 min. and 55 sec. at night.

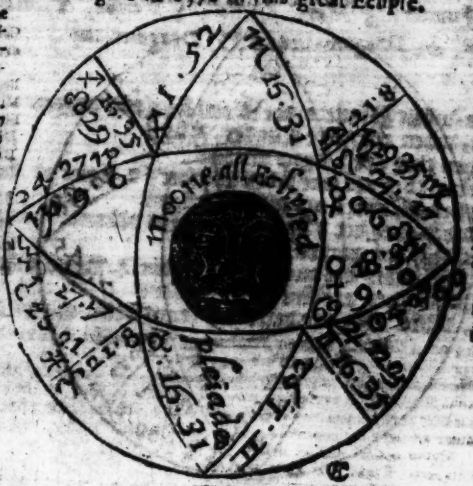
The beginning of totall darkness at 8 a clock, 11 min. 58 sec.

The middle at 8 a clock, 36 min. and 4 sec. at which instant (if the ayr be clear) you may behold the Moon wholly set in the South sky, totally darkned by the interposition of the opacous body of the Earth, between the Sun and her, to the quantity of 13 digits, 10 min. 26 seconds; but the true Opposition is not till 8 a clock 40 min. and 55 sec. the Moon being then scituate in 4 dig. 27 min. 4 sec. of Capricorn, next unto the North Node of the Moon, vulgarly called the Dragons Head.

The end of totall darkness, or time when she will begin to recover light, is at 9 a clock, 1 min. and 28 sec.

But the full end and recovery of her perfect Moon-light, will not be till 10 a clock, 21 min. and 31 sec.

A Figure or Type of this great Eclipse.



According to the Tables of the Motions of Planets.

Beginning 7. 3. 58
All dark at 8. 03. 29
Middle 8. 36. 04
Recovering Light at 9. 10. 41
End 10. 08. 41
Duration 3. 04. 43
Digits 13. 10. 26

Note also that the Tables, &c.

In this Figure Saturn hath 10. dignities, Mars 16. the Sun 1, Mercury 2. and therefore ♄ adiudg Mars chief Lord of the Eclipse, and Saturn to share with him in Dominion. Hence generally we may conjecture, that the effects of this Eclipse will be pernitious to mankinde, many discords and quarrels amongst men of the ignoble sort, and much detriment, tribulation, anguish and sudden death is presaged, besides many robberies, war and blood-sheds, ransacking of Cities and Towns, death amongst Cattell, a rot of Sheep, scarcity of Corn and Fruit. Oleos devastabuntur à locustis, seu vermibus, erumque Navium submersiones, & morum mutationes, peculiariter in regionibus quæ subjacent ♑, ut ait iunctinus, fol. 309. de Eclipsibus. And Proclus tells us, that this Eclipse foreshews the death of a great and very eminent man, but however (I say) many strange and dangerous diseases are presignified, as sharp Feavers, Coughs, Consumptions, Ulcers, and the like: From which good Lord deliver us.

The third Eclipse is of the Sun upon the 25. of November, at 7 in the morning, to be seen in the Southern unknown land, and to the Inhabitants of the South-Indian Sea, &c.

The fourth and last is of the Moon, upon Thursday December 10. in the evening, which will be seen of us in England.

The beginning whereof will be at 5. a clock, 52 min. and 22 sec. at night.

The middle at half a min. before 7 of the clock at night, at which time the Moon is a little above two hours high in the East Eclipsed 2 dig 50 min. 20 sec. on her North side.

The end of the Eclipse at 8 a clock, 6 min. and 34 sec.

A Type of this Eclipse.

According to the Calculation of *Eichstadius*.

	Ho.	l.	h.
Beginning	5.	49.	48
Middle	7.	0.	10
End	8.	21.	32
Durat.	2.	31.	44
Dig.	4.	8.	42

According to the Calculation of *Andreas Argolus*.

	Ho.	
Beginning	5.	49.
Middle	6.	50.
End	7.	59.
Durat.	2.	11.
Dig.	4.	0.

Here is a sad position of the Heavens, for *Man* is in the *Cadaver Cæli*, in the Ascendent of *England*, and opposing *Saturn* in the *Tyrannus Cæli*.

Mirabile prodigium est hoc nescio quid adversi & affert.

In the place of the Moon, the medium Cœli, and Ascendent, Mercury hath 12. dignities, the Sun 14. Mars 7. and Jupiter 1. whereby I conclude that ☿ and ☉ are chief Dominators: whence I gather, that the effects depending on this Eclipse (though they will be but short) will be (for the most part) of the nature of Mercury and the Sun, for so Junctinus tells me, fol. 109. Considerare oportet tempore Eclipsis vires Planetæ dominantis; nam non Eclipsis, sed illius significatio apparebit. Therefore we may expect many dangerous Sea-fights, Piraticall invasions, theits, robberies, much heresie and schisme in Religion. In mens bodies, Quotidian Feavers, Coughs, Consumptions, and dry diseases. In the Aire, turbulent winds, drinels, thunder and haile, which for the most part are like to prove pernicious and hurtfull to the fruits of the Earth. But because the Eclipse is but small, the effects thereon depending will be proportionall, for Parvæ eclipses parum nocent, & in parva operantur, &c.

Of the Revolution of this Year 1657.

I Will not here dispute at what time of the year the World was created, because I know, it's a Point in controversie among the Learned: however I finde, that immediately after the Creation of the world, the Hebrew year (which God first manifested to our first Parents) was instituted, as Moses also retains it in his writes: which year, as Iosephus testifies, Lib. 3. Antiquitat. Iudæarum, cap. 10. took alway its beginning at the first New Moon, happning in that moneth Nisan, about the vernal Æquinox, which then it had dependance, and although the Romans after they had overthrown the Customs and Republique of the Iews, have changed the Hebrew year and in place thereof have introduced the Julian, yet it seems, to me, to be a clear testimony of the worlds Creation, at, or about that time. Nam omnia quæ ante nos scripta fuerunt, in nostram doctrinam sunt scripta, quæque & veteres illa temporum, quam Deus in sacris libris extare voluit, nostri causa est literis mandata. Quamobrem & hanc nos scire æquum est, (saith one) & Ariem quoq; tenere per quam illa obtinetur: hæc enim est quæ sacræ Chronologiæ præ cæteris facem, & sine hac nihil magis videre possumus in supputatione temporum, quam si luce omni destituamur, laremur in mediis tenebris.

I shall therefore, according to my accustomed manner, come to examine the time of this years initiation Astronomically, and to that end I might here give you the time of the Suns ingress into Aries, according to Ptolomeus, Copernicus, Reinhold, Tycho, Longomontanus, Kepler, Lansbergius, Argol, Bullialdus, and divers others, but it will be needless and impertinent for this place: and therefore let the subsequent Calculation suffice, deduced from the Astronomicall Tables in the fourth part of

up Astronomia Instaurata, according to which it commenceth at London on the 9. day of March, at 12.h0.23.42″. which is thus proved.

	☉ Sex.D.	′.	″.	Apog.☉ Sex.D.	′.	″.
Epocha of Christ	4.28	0	31	1 8	20	3
1.	4.39	24	2	0 20	14	51
45.	0 39	45	37	0 8	5	56
2.	1 58	16	39		0	20
Time given in 2d	0 1	58	17			0
33.		32	32			0
Sexagens. 29.			29			0
15″			0			0
Sum.	5 57	58	8	1 36	41	10

Mean place of the ☉ in Sig.	♊	11	27	58	8
Apogæon	Subtr.	♋	6	41	10
Excentrick æquation, Add			2	1	52
Suns place from the Earth		♈	0	0	0

Figura Cœli in ingressu Solis in Ariete Æquinoctium Veris.

Forasmuch as Origanus, and divers others of our moderne Astrologers, have found by observation and experience, that the generall state and condition of the year, depends not onely upon the position of the Planetary bodies at that time, but also upon the Lunations next preceding, and succeeding the same; I shall therefore according to the methodicall Doctrine delivered in the second part of my Ephemerides, extract the Lord of the Revolution, and of every part thereof: Wherein observe, that the New-Moon precunctionall falls out on Tuesday

day the 5. of March, at 1. ho. 24. min. in the morning, in the 25. degree and 2. min. ♑, whilst the 17. deg. of Sagitarius is in the Ascendent, and the 19. deg. of Libra in the Medium Cœli.

The Full Moon next ventionall, happeneth on Thursday the 19 of March, at 6. a clock and 4. min. P. m. in the 9. deg. and 34. min. of ♈ and ♎, at which time the 7. of Libra ascends, and the 9. deg. of the Crab culminates. Hence I finde the Fortitudes & Debilities of the Planets in all the 3 Schemes, as followeth

	Fortitudes							Debilities.							
	♄	♃	♂	☉	♀	☿	☽	♄	♃	♂	☉	♀	☿	☽	
New ☽ prevent.	5	18	12	0	13	7	1	0	0	10	4	0	5	5	
Ingrel ☉ in ♈	7	14	6	4	10	7	8	4	0	14	8	23	5	0	
Full ☽ postvent.	14	6	0	7	17	0	7	9	0	20	16	0	0	0	
Sum.	26	38	27	11	40	14	16	13	0	44	28	23	10	5	

Iupiter and Venus are therefore the chief and principall Rulers of the Spring Quarter, and although ♃ hath 38 cleer testimonies of strength, and ♀ but 30 yet she is to be preferd, as being in the 5. Cœlestiall mansion, viz. the 12. degree and 19. min. of ♂, her own house by night, whereas ♃ is in the 6. his Detriment ☊. Hence we may gather, that the Spring time will for the most part be temperate and seasonable, yet nevertheless because Saturn is Chief of the whole year, and partaker with the ♐ in the Dominion of this season, we may expect some dark, cold, and gloomy weather, with haile, and cold storms presently after the Ingresse, which is presaged from the posture of Saturn in the 2. deg. 48 min. of ♎, in opposition to the Sun. And this conjecture I raise from Lupoldus, Cap 2. Tract. 6. de mutat. aeris, who saith, Pro quartis anni observa introitum Solis in Æquinoctialia & Solstitialia puncta, item præcedentes Lunationes & angulos Cœli in horis illis, item dominos locorum ☌ vel ☍ & angelorum, & secundum vires stellarum dominantium in illis, judica qualitatem aëris. In this year the effects of that Solar Eclipse in January 1656. will manifest themselves, as also those many great Conjunctions of the Planets, that happned in September following, in the Afterclime of the Virgin, the like whereunto hath not happned before in our age, neither scarce shall any man living see such an admirable face of Heaven in time to come, which what it may produce is only known to God alone: yet according to the ordinary course of nature, and the observations and dictates of the learned Astrologians, I shall take leave a little to treat of this present position, and give you a hint of what may generally be expected, not without due consideration of preceding and succeeding conjunctions. Pomi-nus anni bene potest in eis mutationibus, bonum & fertilem annum significat, in quo hominibus bona fortuna & prosperitas promittitur

mirabitur. Infeliciter verò potius infrugiferum annum mirabuntur, in quo difficultates, pericula, & anxietates metuendæ sunt hominibus. Orat. pag. 753. Saturn, Jupiter and Venus are Almutens of the whole year, and in the Figure of the Revolution, Saturn is in the 9. house, intimating some damnages to the Clergy and disturbances about Religion. Cum fuerit ♄ in 9. significat diminutionem fidei, & ablationem misericordiæ atque pietatis & quod mutabuntur quidem ex religione, & rebus gestis, & derelinquent eas, & assument sibi mala consilia, &c. Bonat. Astron part. 4 cap 38. And experience of late years; many we see have changed their Religion, and have followed their own false fancies, contemning and despising them that follow not after innovations as themselves do, and care not what Religion they follow, neglecting the true worship and service of God and a good conscience, as is too apparent by their actions; but let me tell them, their Religion will never be refined nor ever please and honour Divines more countenanced and encouraged, for the suppression of vertue and suppression of vice, as is Astrologically shewed by the position and existence of Jupiter and Venus, who have great Dominion in the two principall Schemes of this annual Revolution, promising thereby much happiness to Englands Church and State. But because we are yet upon the basis of the Revolution, and have not as yet taken a Survey of the parts thereof, we shall now come to the Summer Quarter:

Which commenceth on Thursday the 11. of June, at 22 min. past 4. a clock in the morning, when the Earth enters ♎, or the Sun ♈, making the longest day and shortest night to all northern Inhabitants.

Mars is chief Lord of this part of the Revolution, having in the 7 Figures, 21. testimonies of Fortitude, with whom Saturn and Mercury are Gaters, which foreshews that the actions of this Summer will be superlative, for Mars is in the medium Cœli, in opposition of Saturn, who is Lord paramount of the whole year, and now in the 4. house in Virgo, which signifies not only war, famine and bloodshed, with the destruction and ruins of many States, places in Europe, but also very grievous diseases, and mortality to mankinde, and great damnage to the fruits of the Earth. Commune quæsitum, &c. Mars, bellaticum, sterilitatem, se testimonium portendere, vers 7. And so Cardan. France no doubt will taste of the effects of this Quadrate, Holland, and Spain shall be a loser: happy had it been for them King if he had ere now made his peace with England, but he can now expect little rest nor quiet, to see his Dominions seized on, and the Noble and valiant English to be the former Masters of the Western Seas, whereby his Gold and

Treasure

Treasure will by degrees fall and fade away. Si fuerit ♂ in decima, significat tribulationem venturam rusticis, atque popularibus ex parte Regis, vel divitum ac potentum, & significat vulnera, & percussiones gladiorum, atque flagella, &c. Bonat. 571. Et erunt Reges & Domini pravi & maligenti, & facient eis malum sine ulla pietate. Haly 574. Great changes and alterations of affaires shall be made upon the face of the Earth, Nation shall contend against Nation, Kingdom against Kingdom, and Commonwealth against Commonwealth: Et dirimentur plura regna: unde motus, motiones, querela, ac depopulationes impendebunt, præcipuè in provinciis terræ australioribus, forte in Hispaniola, aliisque in locis iisdem adiacentibus. In the Aire we may expect much thunder, lightning and concaetions, whereby the fruits of the Earth may suffer detriment, but I hope England shall not suffer so much thereby as other Nations, who are more nearly concern'd herein, as Scotland, Holland, Zeland, Portugall: and in particular, let Lyons and Paris in France take heed of a storm, which will affright them.

The third part of the years Revolution, called Autumne, commenceth on Saturday the 12. of September, at 7. a clock and 19. min. at night, at which time (according to the common opinion) bright Sol enters Libra, making equall day and night to all Nations.

Saturne, who is Lord and Almuten of the whole year, is chief Ruler of this quarter, he having no less then 12. testimonies of fortitude, but is posited in the 6. which is the house of sicknes, of the Greeks κακὴ τύχη, i. e. mala fortuna ab infelicitate: which foretells us, that many dangerous diseases shall more then ordinary afflict the bodies of mankinde, especially because he is in Libra, a humane Signe, and beleiged of the Sun and Mercury. Saturnus in 6. domo, si præsertim ibi sit signum humanum, significat melancholicas, epilepsiam caducam, manum, leprum, hominibus inferre. Bonat. 160. & Orig. 176. Which is further presaged from that eminent Solar Eclipse in January last year, whose effects will now demonstrate themselves. And it is not only the effects that may be feared, but if we may credit my Authors, there are like other calamities approaching and impending over Europe, whereby shall be notable changes and alterations; France, Spain, Italy, Poland, Hungary, Holland, shall be all or most of them involved in a Labyrinth of perplexities, neither shall Germanie, nor the House of Austria be in quiet, but that Family shall begin to decline, and will ere many years come to nothing. But I believe to think of some of our Neighbours consternate and move mirth in us, who for their contempt of the valiant English, shall now be made sensible of their folly, and I believe that ere this time the Spaniard himself begins to

quake and tremble. Cadet ille Rex in opprobrium & dedecus valde magnum. But leaving to dive further into the affairs of forreign Nations, let us look home to our native Country of England, where we may expect much contention and variance between man and man; many Law-suits, privy grudges, heart burnings, and much dissention every where, yet I conceive this year will not much ease the poor Countrey Tenant, who hath of late years suffered more by oppressing Landlords, then ever men did before: but the Bible maintains them, Prov. 20. 16. Qui opprimit tenuem, ut amplificet rem suam, & qui dat diviti, tantum ad egestatem deveniet. And it is a divine Precept, Non facies calumniam proximo tuo, nec vi opprimes eum. Man while he lives fancies many things, and covets without end, but all to no end. Et quæ parabi, cujus erunt? either they passe from us, or we from them. Non est nostrum, quod non est semper nostrum. Those are Towers which they have built, quo ictu prosternentur. Ere long two ells of Earth shall serve, whom scarce a World could satisfie. I wish I had not cause to mention these things, neither should I doe it, but that I see men so hard and miserable, caring not to grinde their poor Tenants to powder, to maintain their pride and wickedness: but be it known unto them, that they must one day make a severe account for the same, when they shall wish again and again, they had in time been more charitable to their poor distressed Brethren. Væ vobis qui conjungitis domum ad domum. This to you Depopulators, that joyn house to house, and land to land, till there be no place left for the poor.

The fourth and last part of the Revolution takes its initiation upon Friday the 11. of December, at 6. a clock and 55. min. in the morning; at which instant, the Earth entring Cancer, the Sun seems to possesse the opposite point Capricorne, making our shortest day and longest night.

In the Figure we may behold in what manner possessed of the Heavens, for Mercury who is now 2 degrees of the Quarter, ascendant, being within 4 degrees of the Tuban thereof, in the 17. deg. 47. min. of Sagittary, a humane Signe, and is as who is here to him in nativitie, for his angle terræ, (called of the Greeks ὑπογειον, the lower Coeli) in the 10. deg. 11. min. of the humane fiery Signe Aries, the Ascendant of England, where he is placed in opposition to Saturn, chief Lord of the whole figure, who is now placed in the 17. deg. 10. min. of Libra, upon the Cuspis of the 10. House, Regio Coeli, Cuspis Regalis & Solaris (as it is, Græcè μεσουρανημα) Wonderous in the present Full Moon, that happens so near the Ingresse (being but just

12. ho. before) we may see Mars in Domo Regis, in Aries, opposing the Lord of the year, Saturne, from the Imum Coeli, whilst the Moon is in the 11. House, in the 29. deg. 29. min. of ♊ (London Ascendent) in opposition of the Sun and Mercury, then collocated in the end of the 5. House. Lastly, In the New-Moon postventionall, Saturne (who is Dominus anni) is the 3. opposing Mars in the 9. the House of Religion. From which positions we might raise a large judgement Astrologicall, touching the state and condition of the 4th and last part of the Revolution; but if I should tell you what I think, and but half so much as is pretended, as to the state of affairs, you might think me too Satyricall; and my Predictions coming too nigh home, might be of ill consequence; and therefore I shall but briefly point at what is, and may be thought most probable and deliver my opinion in a generall way, and refer you for the rest to the judgment of my Author.

To give you therefore briefly the genuine Astrologicall signification of the former positions, I cannot but predict, that the actions of the latter part of this year, and beginning of the next, will be more then ordinary all over Europe. England, France, Germany, Sweden, Denmark, Antwerp, Austria, will most of them be perplexed, and be full of Action, either in one kinde or other, and many of their most eminent Cities (I much feare) shall sensibly feele the hand of war, and 'tis good for us to prevent the storme before it come. ☌ ☽ & ♂, Significant quod homines in se invicem discordabunt & prosequentur se mutuo odio, & cessabunt se familiariter invisere, & detrahet quilibet alteri. Haly 29. Many strang diseases will molest the bodies of mankinde, especially in the South and South-East parts, who (if my judgment faile not) shall suffer more with sicknesse and the hand of war, then we in England, as my author informes me. But I shall conclude all with that of Bonatus, Astron. part. 2. cap. 58. Si fuerit aspectus ☽ & ♂ ex oppositione, veniunt mala, injuriæ, res, contentiones atque contrarietates inter divites seu nobiles, atque magnates regionum, quæ sunt sub Signo ♈, in quo ♂ nunc exilit, & divites atque magnates regionum, quæ sunt in divisione Arietis, Leonis, atque Sagittarii, [illegible] in eos ex guerris, & intertur contra eos, et expellant eos de suis civitatibus atque regionibus nec remanebit hoc per quod abscindatur via inter eos, nec permittentur res portari de regionibus illis ad illas eadem universitas civium in regionibus, quæ [illegible] in divisione Signi, in quo fuerit ♂, literatur in lesione & confusione civium harum regionum prædictarum.

Originall

Origanus *pag.* 302. De utilitate Aſtrologiæ.

UNiverſa vita noſtra rotundè teſtatur, Aſtrologiam ſummè utilem eſſe: quippe ad præcavendum quæ obfutura, aſſequendum quæ profutura ſunt, maximam vim obtinet; ut quæ doceat præcognoſcere mutationes, quæ in his inferioribus eventuræ ſunt: item quæ in corporibus noſtris ſecundum ſanitatem, ægritudinem, ac mores eveniunt: Ac tandem in iis contingunt, quibus ut alimentis ad vitam tuendam & medicamentis ad ſanitatem procurandam utimur. Addo quod Aſtrologia in pia orationem & pietatis ſtadium excitet; quandoquidem mala, quæ ab aſtris ſignificantur, non ſunt edicta prætoria, ſed vitari & declinari pleraque precatione & ſtudio poſſunt. Efficit quoq; ut res adverſæ moderatius ferantur, nec repentino inſultu perturbent ac deficiant animam: ſecundæ vero non nimium inſolentes nos reddant. Præviſa enim bona non faciunt natum aliis intolerabiles & amicis ac affinibus moleſtum. Ad extremum ſummam voluptatem in humanis mentibus concitat. Nihil enim jucundius eſt animo bellutinis voluptatibus non corrupto, quam mirabiles effectus Syderum in his inferioribus corporibus cognoſcere.

Poteſt, (inquit Ptol. inkio ſuorum Apotel.) qui ſciens eſt, multos ſtellarum effectus avertere, quum uſutam earum noverit, & ſeipſum ante adventum illorum præparaverit.

THere is now at length publiſhed, That new way and Method (in *Engliſh*) for learning to read and underſtand the *Hebrew Bible*; being abſolutely the moſt plain and profitable Work, for the uſe and eaſe of beginners, that ever was extant: *viz.* An Alphabeticall *Praxis* upon moſt of all the uſuall Words of the *Hebrew Bible*, reducing them to their Roots; Together with the *Hebrew* Text of the *Pſalms* and *Lamentations*, three ſeverall wayes, both with and without the points, and alſo reading thereof in *Engliſh* letters: By *Mr. Roberſon* A.M.

Be pleaſed to take notice, that ſince the publication of the firſt Part of his *Uranographia*, Ephemerides, (which is from 1652, to 1669.) he hath (through Gods aſſiſtance) made a more abſolute Reſtitution of Aſtronomie, and publiſhed the ſame under the title of *Aſtronomia Reſtaurata*; and for the further benefit of all men, hath (according to the ſame) compoſed Ephemerides of the daily motions of the Planets and their Configurations, Aſpects and Eclipſes for 12 Engliſh years, from 1670, to 1681. Whereunto is added the computation and uſe of all. Introduction for the uſe thereof. A work very neceſſary for all men.

Which hath accurately performed by this Author. *Viz.* W. Oug.

A Table, shewing the true hour of the Day, by help of a plain walking Staff, divided into 12 equall parts or divisions.

Ho. before noon / Ho. after noon.	12 / 1	11 / 1	10 / 2	9 / 3	4	7 / 5	6 / 6	5 / 7	4 / 8
June 11	31 June	6:	7.	9	11.	16	23	36	68,	300
	31	21	6,	7:	9.	12	16:	23:	36,	71:	149
	21	2 July	-	7,	9:	11:	17	24.	29	79	(the point (.) the figures a quarter of a
May 20	11		7:	8.	10	13	17,	24,	41	94.	part more, if two the (:) half a part more,
	30	23	8.	9	11	14	19.	28	49		but if (,) then it shews that the
	20	2 Aug.	9.	10	12	15:	21	32	59		
Apr. 9		13	10:	11.	13.	17	23,	37	78:		
	30	23	12	13:	15	19.	27:	45	90		
	20	2 Sep	12:	14	17	21,	31:	56	122		
Mar. 10		31	15	16:	19.	24.	29:	75			
	28	23	18.	19	22:	30	48				
	18	3 Octo	21	22:	26.	36	61				
Feb. 8		11	25	6.	31,	41,	84				
	29	22	29	31	38	55					
	19	2 Nov.	34	36	45	71					
Jan 9		11	38:	41.	53	91.					
	31	21	41.	46:	60:	117					
	21	2 Dec	45	50	67	144					
Dec. 12		11	48	53	70.	1 31					

ters of a part more than the figure in the first signifies.

The use of this Table.

TAke a Staff or Rod, of what length you please, and divide it into 12 equal parts, then set it upright in some plain level place, and measure how many parts the shadow thereof containes, which parts finde out in the Table, right against the day of the moneth, and in the same columne over head, you have the true hour of the day. But if you cannot finde the just day of the moneth, neither the number of the said parts exactly, you must then make proportion, or take the nearest thereunto: so shall you very easily obtain the hour of the day, as I shall more fully illustrate by the following example.

Suppose that upon the 28 of February or 12 of September, I should erect my Staff perpendicularly upon plain level ground, and finde the shadow thereof to contain 48 parts of my Staff: now seeking in the Table right against the said day for 48 parts, I finde over-head, that it is then either 8 a clock before noon or 4 after-noon, as the head of the Table demonstrates. This way is easie, and as good as any Dial, if you will but observe it, for by the plain Staff you carry in your hand, and the help hereof, you may see how the day passeth away, wheresoever you are or travell.

The

The use of the following Tables, for the speedy finding of the true hour of the Night by the Stars.

IN the beginning of the Almanack I have shewed how to finde the true hour of the night by the shadow of the Moon and a Sun-dyall, which is both exact and usefull; yet because she is not alway seen, I shall here shew how to effect the same by the Stars: for which purpose I have composed the two following Tables, the first whereof shews the Right Ascension & Semidiurnall Arch of some of the principallest fixed Stars, & the second shews the Suns Right Ascension for every other day in the year.

The use of these Tables is twofold: First they direct us to finde at what hour and min. any of the Stars in the first Table, will be upon the Meridian: or seeing them upon the Meridian, they tell you exactly the hour of the night.

Secondly, They shew at what hour & min. any of the said Stars Rise or Set, and therefore seeing any of them either in the East or West Horizon, you may readily thereby know the night hour.

Therefore if the southing be inquired, seek the Right Ascension of the Star, from which subtract the Suns Right Ascension, and the Remainder will be the time of Southing: therefore seeing any of them upon the South point, (as one or other of them is in or neer it at all times) you may thence presently know the hour by observing the premises.

Example. Suppose that upon the 15 of October early in the morning, I should espy the Pleiades or 7 Stars upon the South point, & from thence would know the true hour of the night, wherefore I seek the Right Ascension of the 7 Stars in the respective Table, which is 3 ho. 27 min. and the Right ascension of the Sun, which is 14 ho. 1 min. & because subtraction cannot be made, I add to the Right Ascension of the 7 Stars, 24 ho. & from the sum 27 ho. 27 min. I deduct the Suns Right Ascension, and the Residue is 13 ho. 26 min. for which taking 12, there remains 1 ho. 26 min. in the morning, for the true hour of the night or time of the 7 Stars coming to the South the said 15 of October.

Again, if the Rising and setting be required, you must (by the Table) finde the Semidiurnall Arch, which if you subtract from the time of Southing, it gives you the time of the rising, but adding the same thereto, it shews the time of setting.

Suppose therefore, the same day you desire to know when the 7 Stars rise and set, seek their Semidiurnall Arch, which you shall finde 8 ho. 16 min. which subtracted from the time of Southing 13 ho. 26 min. leaveth the time of their rising at 5 ho. 10 min. at night; but adding them together, it giveth the time of their setting at 9 ho. 42 min. the next morning. Therefore if you see the 7 Stars rising that night, you may conclude it 10 min. past 5 a clock at night, but if you see them in the East an hour

your high, it is 10 min. past 6. if 2. ho. high, then it is 10 min. past 7. if 3 ho. high, 10 min. past 8, &c.

A Table shewing the Right Ascension and Semidiurnall Arches of some of the chiefest fixed Stars; for finding the true hour of the night.

Names of the Stars.	Right Ascen. Ho.	Min.	Semi. Arch Ho.	Min.
Cheder in Cassiopea	0	21	Set not.	
The girdle of Andromeda	0	50	10	6
Ruer of Cassiopea	1	4	Set not.	
The former horn of the Ram	1	35	10	38
The bright * of the Ram	1	48	8	7
Bright * in the jaw of the Whale	2	44	6	15
The brightest of the 7 Stars	3	27	8	16
Aldebaran, The Bulls eye	4	16	7	29
Bright foot of Orion	4	58	5	14
former * of Orion's Belt	5	15	5	57
following shoulder of Orion	5	37	6	39
The bright foot of H	5	18	7	32
Sirius. The greater Dogge	6	39	4	30
Procyon. The lesser Dogge	7	21	6	32
North Asellus	8	23	8	14
Head of Hydra	9	13	6	38
Lyons Heart. Basiliscus	9	50	7	14
Bright * in the flank of Ω	10	56	8	12
Tayl of the Lyon	11	31	7	32
Vindemiatrix	12	49	7	9
The Virgins Spick	13	7	5	11
Arcturus	14	0	8	2
South Ballance	14	32	4	40
North Ballance	14	59	5	17
Bright Star of the Crown	15	14	8	36
Bright Star of the Serpents neck	15	29	6	40
Antares, The Scorpions Heart	16	18	6	21
Left knee of Ophiuchus	16	40	7	32
Head of Hercules	16	50	7	28
Bright Star of the Dragons-Head	17	40	Set not.	
Tail of the Vulture	19	50	7	31
Bright Star of the Vulture	19	24	7	4
Higher Horn of the Goat	19	50	4	30
The Swans breast	20	16	Set not.	
The Swans tayl	20	30	Set not.	
Left shoulder of the Waterbearer	21	5	5	0
Right shoulder of the Waterbearer	22	0	5	0
Scheat	22	50	5	0
The head of Andromeda	23	0	5	0

A Table of the Suns Right Ascension for every other day this Year.

Days	Januar. ho.	m.	Feb. ho.	m	March ho	m	April h.	m.	May ho.	m	Iune ho.	m.
1	19	35	21	43	23	29	0	21	3	14	5	20
3	19	43	21	51	23	36	1	29	3	22	5	28
5	19	52	21	59	23	44	1	36	3	30	5	36
7	20	0	22	6	23	51	1	44	3	38	5	44
9	20	8	22	14	23	58	1	51	3	46	5	52
11	20	17	22	21	0	6	1	58	3	54	6	1
13	20	25	22	29	0	13	2	6	4	2	6	10
15	20	34	22	37	0	20	2	13	4	10	6	18
17	20	42	22	44	0	27	2	21	4	18	6	27
19	20	51	22	52	0	34	2	28	4	26	6	35
21	20	59	22	59	0	41	2	36	4	34	6	43
23	21	7	23	7	0	49	2	43	4	42	6	50
25	21	15	23	14	0	56	2	51	4	50	6	58
27	21	22	23	21	1	3	2	59	4	59	7	7
29	21	30			1	10	3	7	5	8	7	16

Days	Iuly ho.	m.	August ho.	m.	Septemb ho.	m	Octobe ho	m.	Novemb. ho	m	Decemb ho	m
1	7	23	9	26	11	2	13	3	15	8	17	16
3	7	31	9	34	11	2	13	15	15	16	17	25
5	7	40	9	41	11	3	13	2	15	25	17	33
7	7	48	9	49	11	41	13	30	15	33	17	42
9	7	56	9	56	11	48	13	38	15	41	17	51
11	8	4	10	3	11	56	13	4	15	50	18	1
13	8	1	10	10	12	3	13	53	15	58	18	10
15	8	20	10	17	12	10	14	1	16	7	18	19
17	8	29	10	25	12	19	14	8	16	13	18	27
19	8	35	10	32	12	24	14	16	16	24	18	35
21	8	43	10	39	12	31	14	24	16	32	18	43
23	8	51	10	47	12	35	14	32	16	41	18	54
25	8	59	10	54	12	46	14	40	16	50	19	3
27	9	7	11	1	12	53	14	48	16	58	19	11
29	9	14	11	8	13	1	14	56	17	7	19	20
31	9	22	11	16			15	4			19	29

I here intended to amplifie and inlarge this Diſcourſe, and give you a deſcription of the Sphere, with the diviſion thereof, and the ſeverall Circles therein contained: but wanting paper, I muſt refer it to a more convenient opportunity.

I. Of them who live right under the Æquinoctiall.

THe people that have their Zenith placed in the Equinoctiall, have two Summers and two Winters in one year, becauſe that when the Sun is in Aries, he paſſeth directly over their heads at noon, and likewiſe when he is in Libra. In like manner they have one Winter when the Sun is in Cancer, which is our Summer, & one Winter when he is in Capricorn, which is our Winter, yet are their Winters are not comparable in cold to ours. Moreover they have three ſundry ſhadows, for when the Sun is in the Æquinox, at noon they have no ſhadow: when he is in the Northern Signs, then they caſt their ſhadows at noon towards the South, and when he is in the Southern, they caſt them towards the North; and becauſe theſe people live in a right Sphere, their artificiall day is alwaies 12 hours without variation. Such are the people who live in the Iſlands of Sumatra, Borneo, Tidnada in America, S. Thomas, and the ſouthern part of East-India, &c.

II. Of them who live between the Æquinoctial and Tropick of Cancer

They have likewiſe the Sun paſſing by the Zenith of their heads twice in a year, ſo that they have alſo two Summers, two Winters, and three Shadows, as they have under the Equinoctiall. Under this Parallel are the Philippine and Moluccæ Iſlands, Gulf of Bengala, Guinea, Mexico, New Spain, East India, &c.

III. Of them who live right under the Tropick of Cancer.

Theſe people whoſe Zenith is in the Tropick of Cancer, have but one Summer and one Winter in a year: for when the Sun is in Cancer, he is directly over their heads at noon, and their ſhadow is perpendicular, inclining on neither hand; and when the Sun is in Capricorn, he is fartheſt removed from them, and then is their Winter, which is not ſo cold as ours. Under this Climate is the City of Syene placed.

IV. Of them who dwell between the Tropick of Cancer, and the Circle Artick.

Theſe people whoſe Zenith is between the Tropick of Cancer and the Circle Artic, have the Sun never perfectly over their heads, becauſe he is no ſooner attained to his greateſt Altitude, but immediately he returneth again ſouthward, and therefore their ſhadow at noon always tends towards the North, and in this parallel are we ſituate, and the greateſt part of the habitable World.

V. Of

V. Of those that live under the Circle Artick.

Those people whose Zenith is placed in the Circle Artick have their Zenith in the Pole of the Zodiac, and the Ecliptick in the Horizon, insomuch that the Tropick of Cancer is all above the Horizon, and the Tropick of Capricorn all under it; so that the Sun being in the first point of Cancer, their Artificiall day is but 24 hours, and their night nothing, for then (at the time of our midnight) they have the Sun in the Meridian touching the Horizon, from whence he begins to ascend immediately towards the East again: so contrariwise it is to them when the Sun is in the first point of Capricorn, for then their Night is 24 hours, and their Day nothing. Under this parallel lyes Swethland, Lapland, Finmark, Russia, part of Muscovia, great Tartaria, Iseland, Elfordland, the Kingdom of Aschmer.

VI. Of those that dwell between the Circle Artick and Pole of the World.

Those People that live in this part of the World, have the Horizon cutting the Zodiac in two points equally distant from the beginning of Cancer, so that the Horizon of the Zodiac intercepted by them, remains always above the Horizon, in which place also the Sun is, they have continuall day and no night, therefore if the said intercepted portion be one Signe, their Day is a Moneth long without Night, if two Signes, their two Moneths long, and so the farther North the longer dayes, till you come under the North Pole, where it is half a year long without any night. And on the contrary you must observe that the like portion of the Zodiac equidistant from the beginning of Capricorn, to alway hid under the Horizon, and the Night is long or short, according to the quantity thereof. In this part of the World lyes Nova Zembla, Greenland, Groeland, &c.

VII. Of those that dwell right under the North Pole.

Those people (if there be any) have the Pole for their Zenith, and the Æquinoctiall for the Horizon, so that the six Northern Signes are always above the Horizon, and the other six always under it; from whence it followes, that when the Sun is in that half of the Zodiack from Aries to Libra, it is continual day without night, half a year together; but when he is in the other half, it is continuall night without day. And because the Sun is never elevated above their Horizon, above 23 deg. and half, it followes that their day is intollerably cold at all times, and it is ever gross, dark and cloudy, for which cause whether any people inhabit there or no is uncertain.

V. What

FINIS.